FORM 3

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK: DRILL [ ] DEEPEN [X]

1b. TYPE OF WELL: OIL [X] GAS [ ] OTHER [ ] SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NO.: State #2A-16-9-16

3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (FOOTAGE)
At Surface: NW/NE 497' FNL 1982' FEL 40.036730
At proposed Producing Zone: 574484 4431944 -110.121298

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/NE Sec. 16, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 20.4 miles southwest of Myton, UT

12. County: Duchesne

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any): Approx. 497' f/lse line and NA' f/unit line

16. NO. OF ACRES IN LEASE: 640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.: Approximately 1341'

19. PROPOSED DEPTH: 6500'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5809' GL

22. APPROX. DATE WORK WILL START*: 1st Quarter 2008

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/I 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 11/19/2007

(This space for State use only)

API Number Assigned: 43-013-33846

APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining

Date: 02-25-08

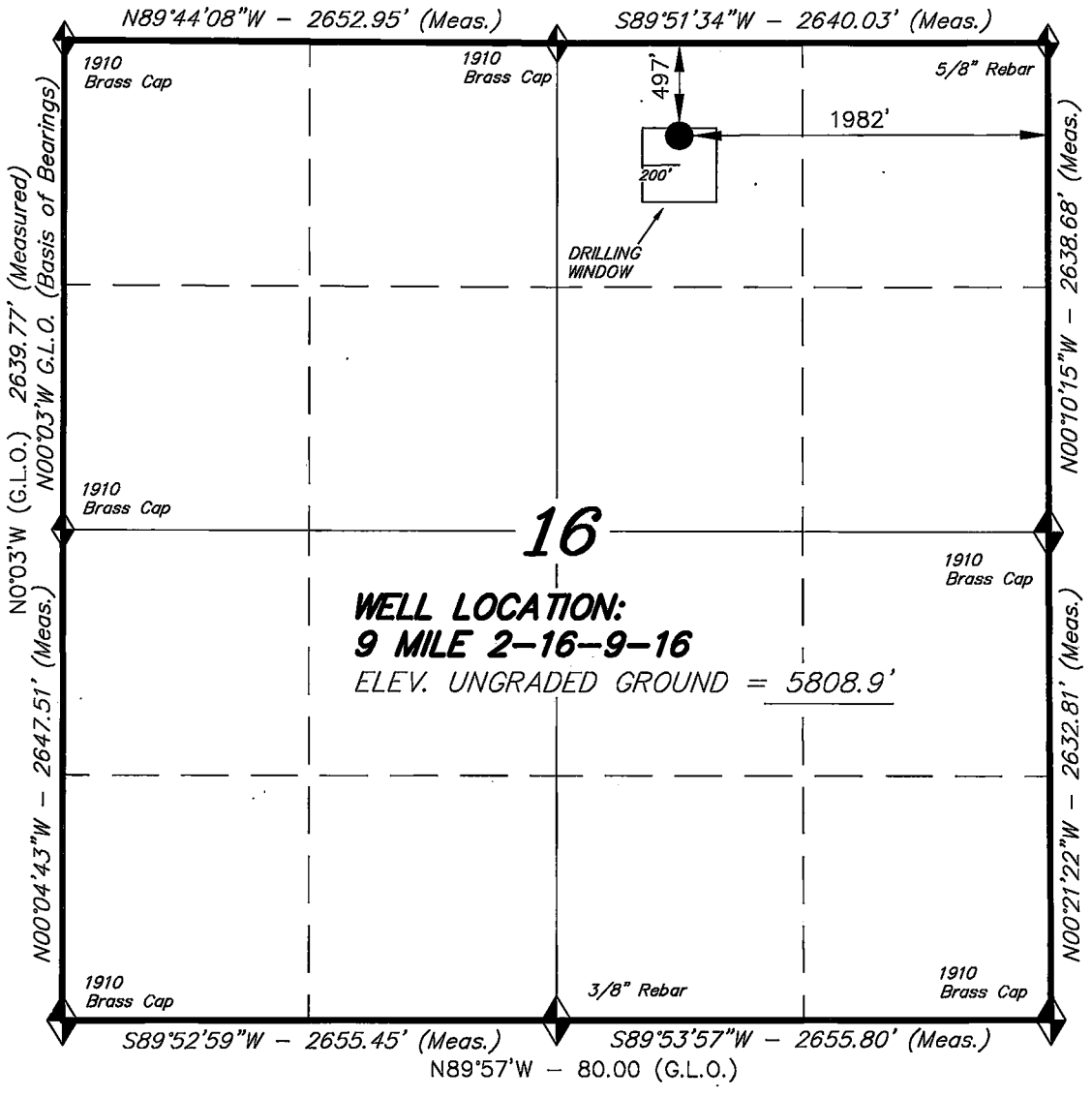
By:

***See Instructions On Reverse Side**

RECEIVED
NOV 29 2007
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

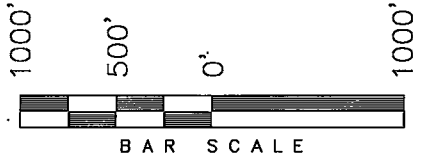
N89°50'W – 80.24 (G.L.O.)



N00°02'W (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 2-16-9-16, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No.189377

REGISTERED LAND SURVEYOR

STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 2-16-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 12.17"
LONGITUDE = 110° 07' 18.94"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-11-07	SURVEYED BY: C.M.
DATE DRAWN: 11-01-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
STATE #2A-16-9-16
NW/NE SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing:5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

A fresh water/polymer system will be utilized to drill the well. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location is to be "Air Drilled", Newfield requests a variance to regulations requiring a straight run blooie line. Newfield proposes that the flowline will contain two (2) 90-degree turns. Newfield also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Newfield requests authorization to ignite as needed, and the flowline at 80'.

Newfield Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM	MUD TYPE
Surface – 3200'	fresh water system
3200' – TD'	fresh water system

From surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2008, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
STATE #2A-16-9-16
NW/NE SECTION 16, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State #2A-16-9-16 located in the NW¼ NE¼ Section 16, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.4 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with an existing road to the southwest; proceed southwesterly approximately 9.7 miles to its junction with an existing road to the southeast; proceed southeasterly approximately 0.3 miles to its junction with an existing road to the northeast; proceed northeasterly approximately 5.1 miles to its junction with and existing road to the southwest; proceed southwesterly approximately 1.8 miles to its junction with an existing road to the northwest; proceed in a northwesterly direction approximately 1.4 miles to its junction with the beginning of the proposed access road to the south; proceed southerly along the proposed access road approximately 840'; turn and continue in a southeasterly direction along the proposed access road approximately 1070' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 1,910' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report is attached. **Refer to Exhibit "D".**

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the State 2A-16-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the State 2A-16-9-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #2A-16-9-16, NW/NE Section 16, T9S, R16E, LEASE #ML-16532, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

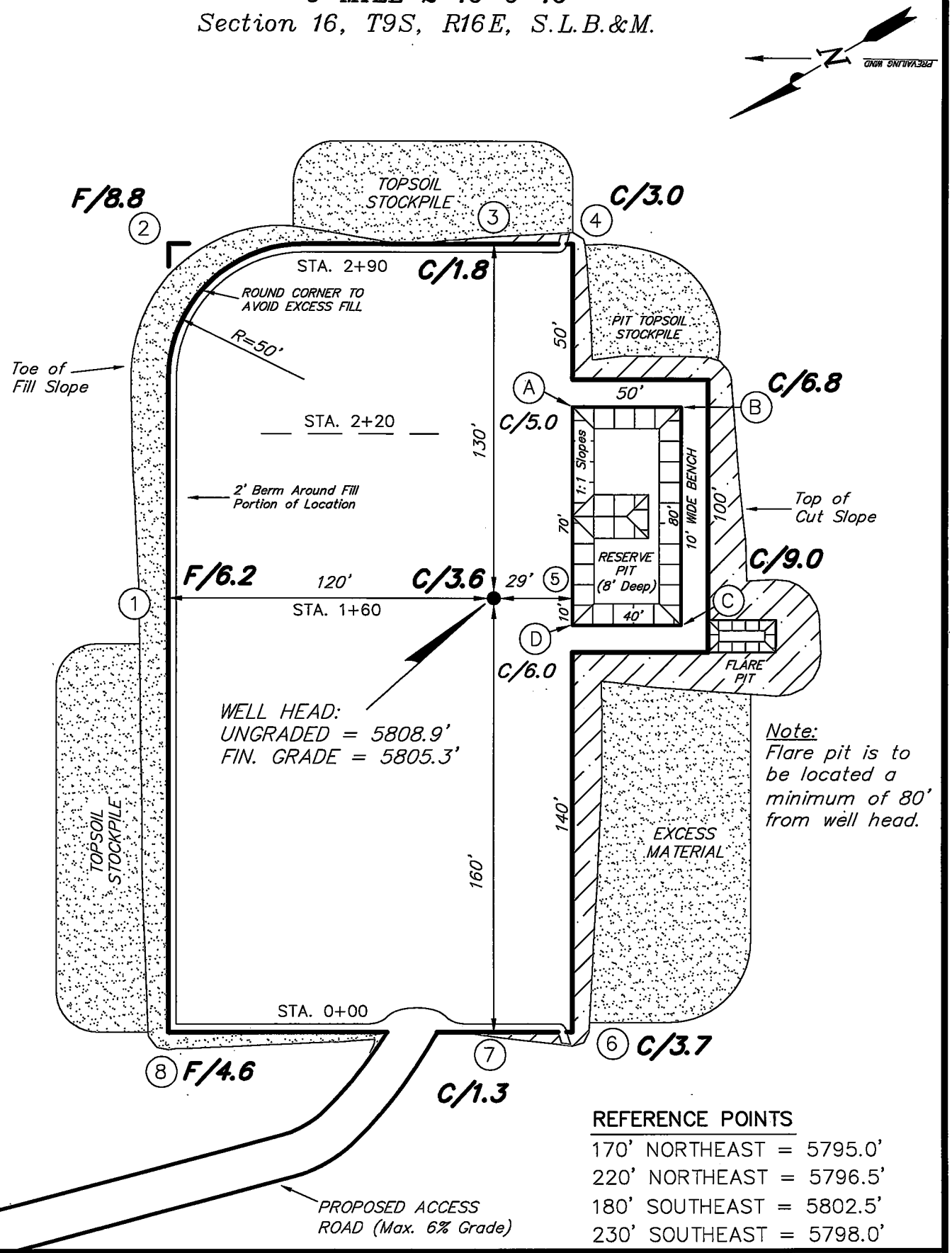
11/19/07
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 2-16-9-16

Section 16, T9S, R16E, S.L.B.&M.



Note:
Flare pit is to be located a minimum of 80' from well head.

REFERENCE POINTS

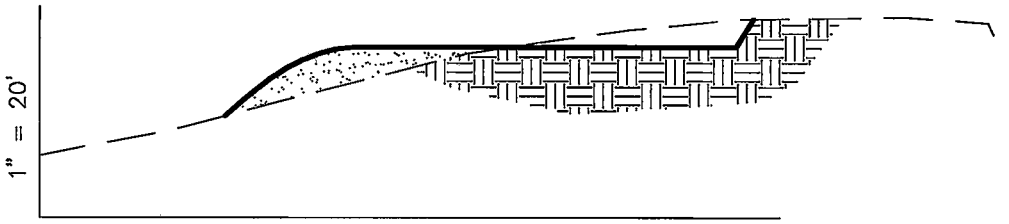
170' NORTHEAST = 5795.0'
220' NORTHEAST = 5796.5'
180' SOUTHEAST = 5802.5'
230' SOUTHEAST = 5798.0'

SURVEYED BY: C.M.	DATE SURVEYED:	10-11-07	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN:	11-01-07	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

NEWFIELD PRODUCTION COMPANY

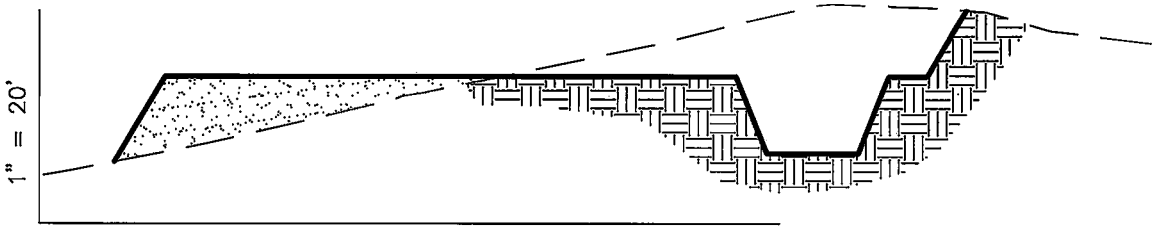
CROSS SECTIONS

9 MILE 2-16-9-16



1" = 50'

STA. 2+90



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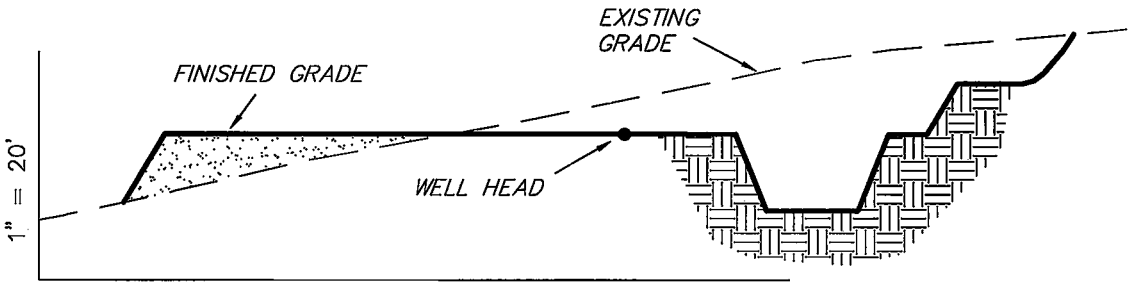
STA. 2+20



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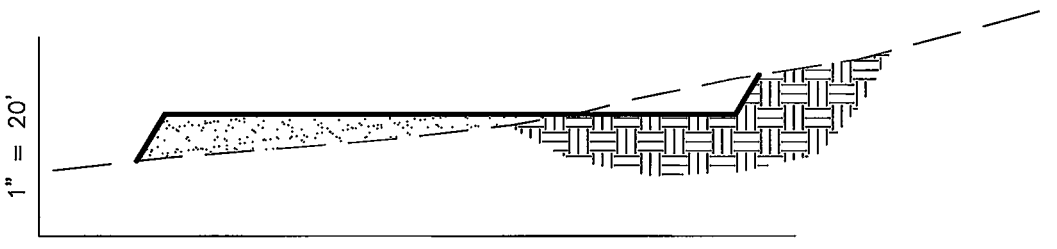
STA. 1+60



1" = 50'

STA. 0+00

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	**3,600**	**3,600**	Topsoil is not included in Pad Cut	**0**
PIT	**640**	**0**		**640**
TOTALS	**4,240**	**3,600**	**1,060**	**640**

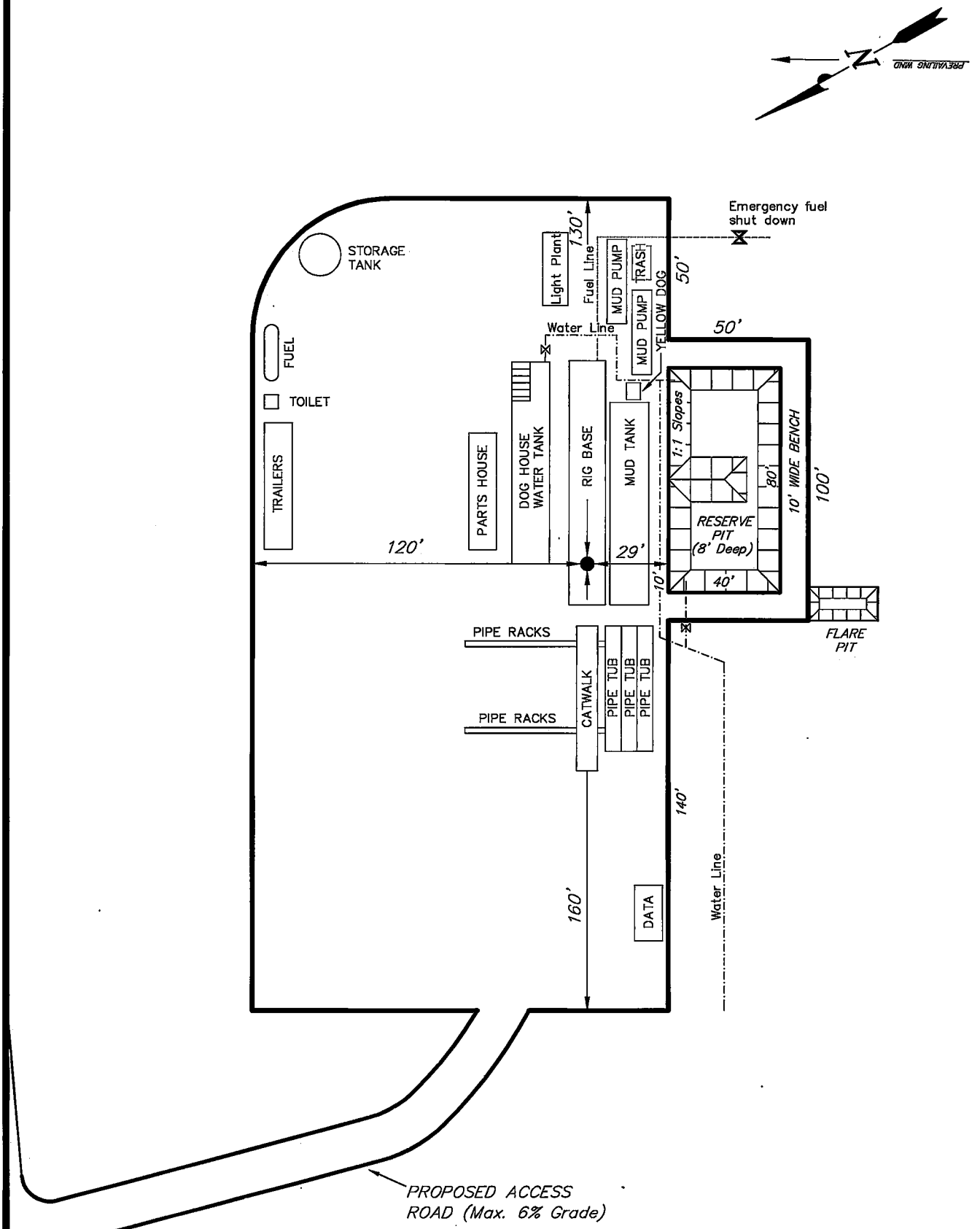
SURVEYED BY: C.M.	DATE SURVEYED:	10-11-07	
DRAWN BY: F.T.M.	DATE DRAWN:	11-01-07	
SCALE: 1" = 50'	REVISED:		

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 2-16-9-16



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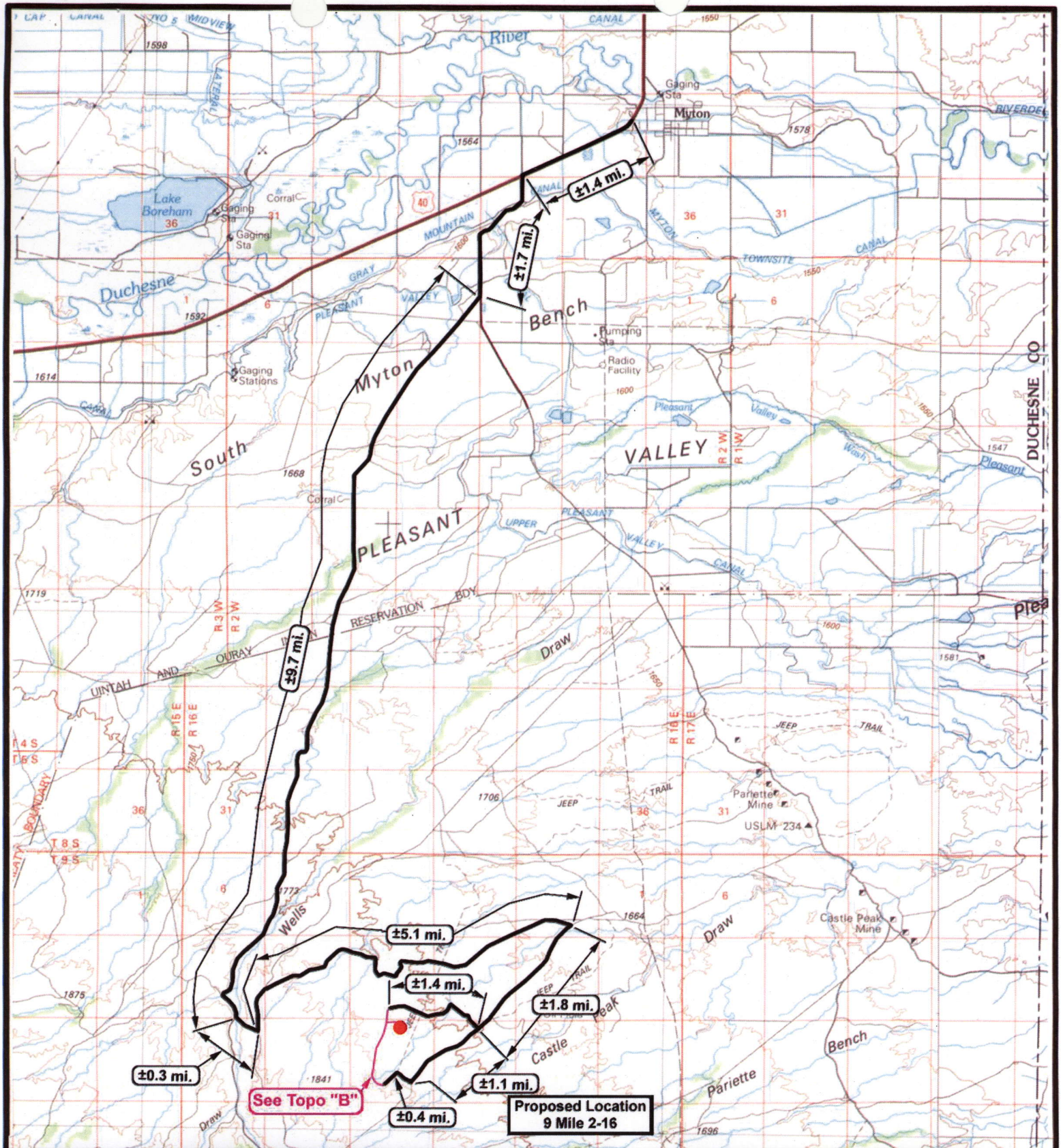
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 2-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

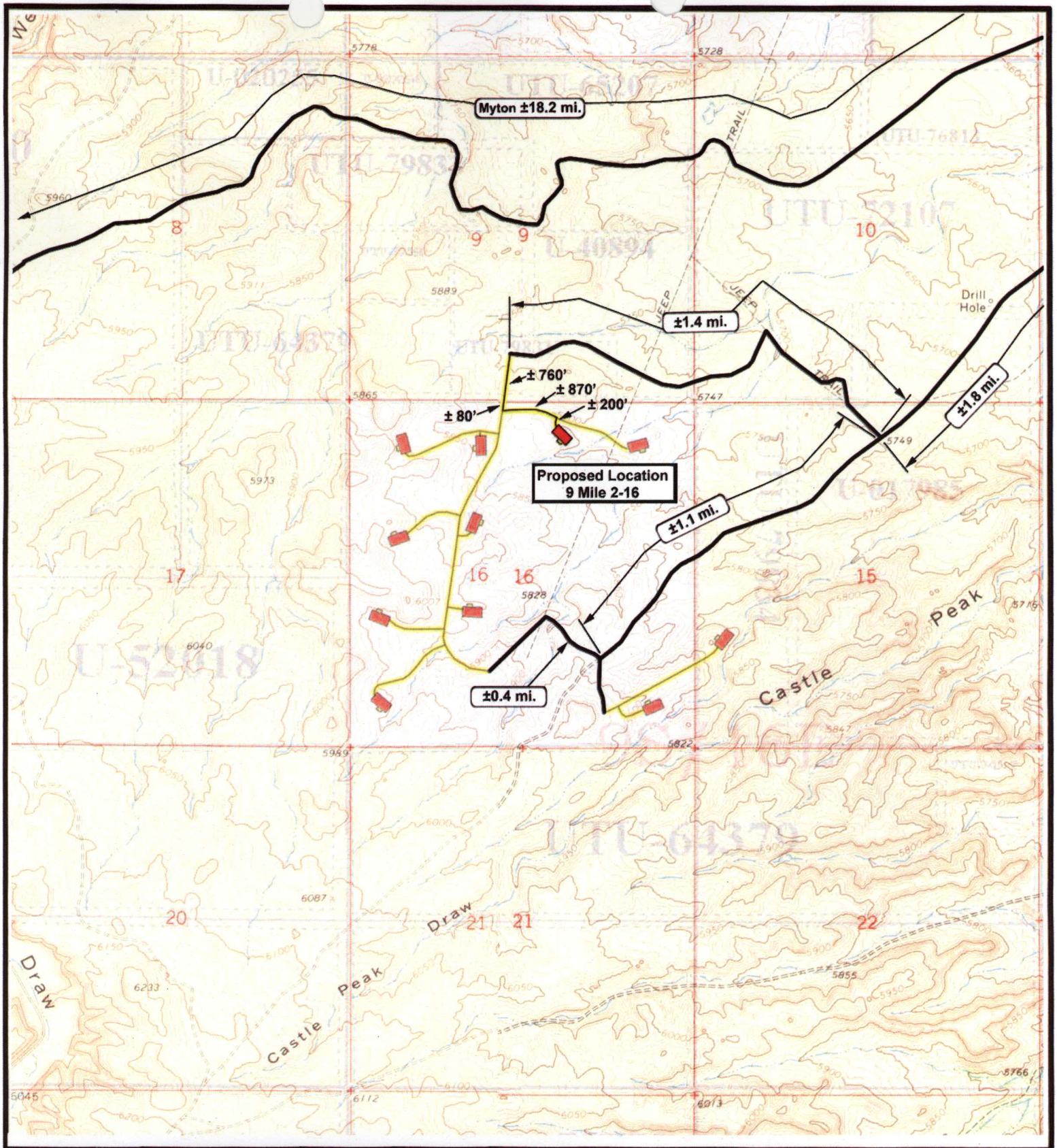
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 11-02-2007

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 2-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

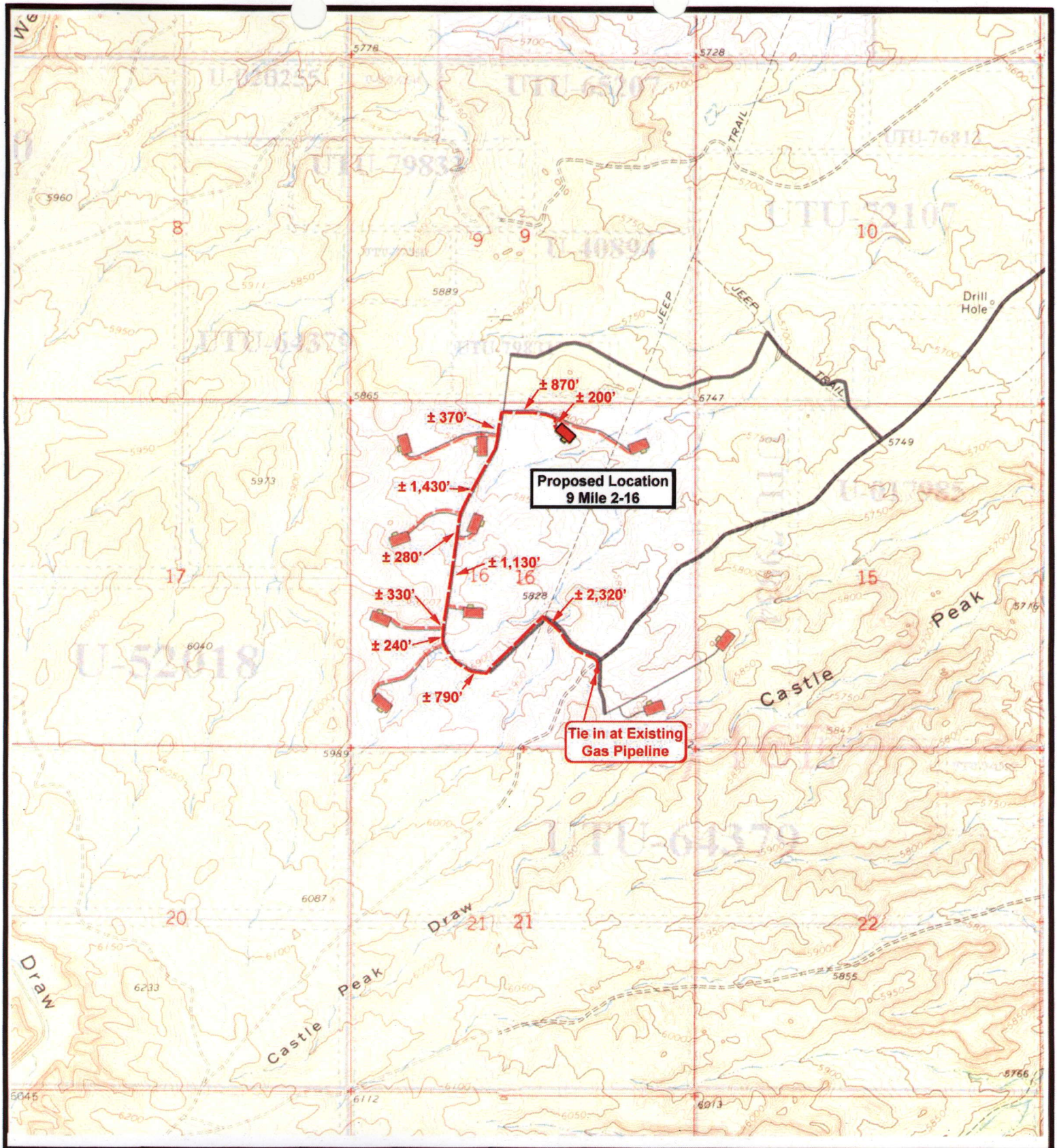
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 2-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

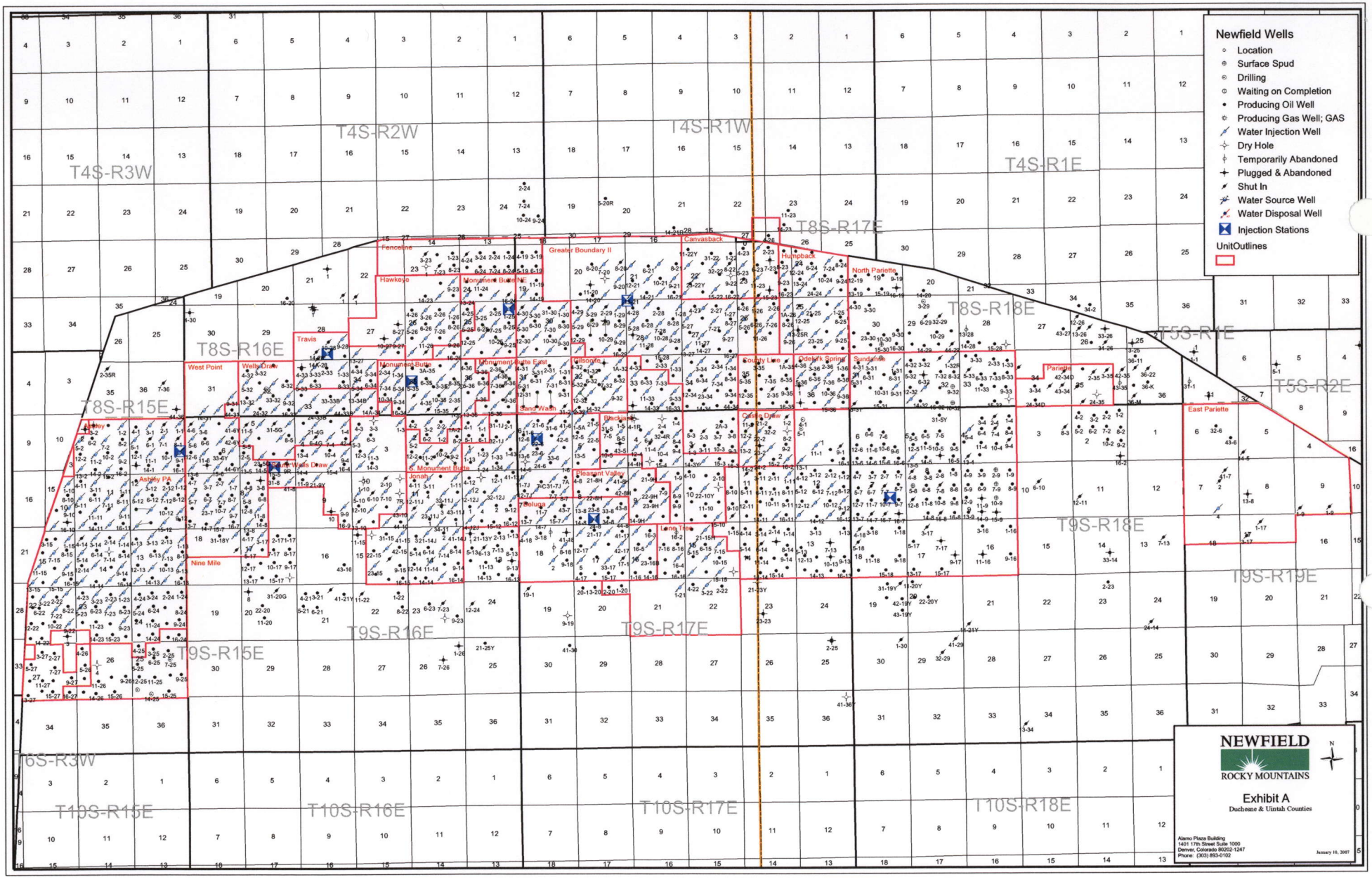
N

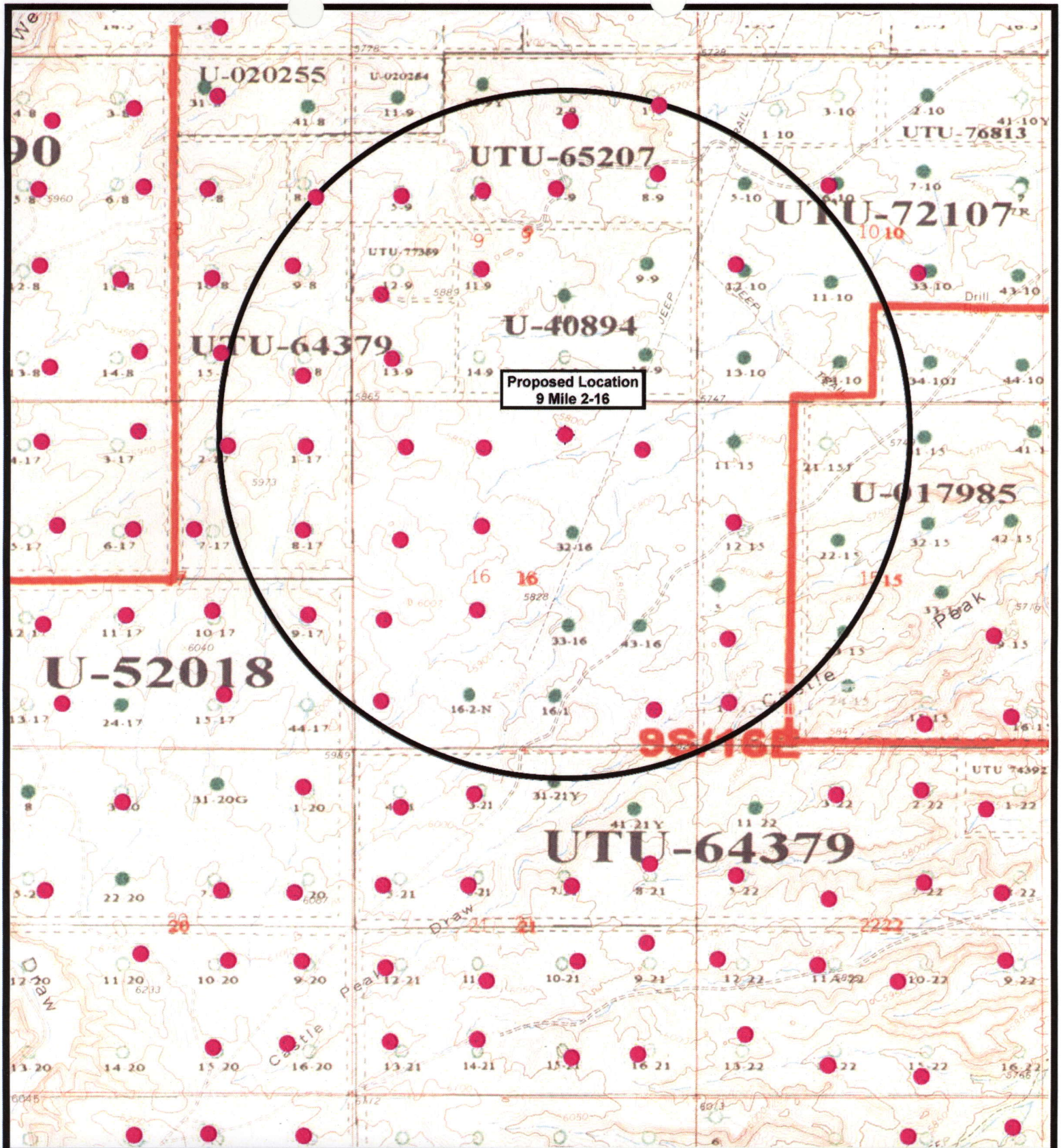
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend
Roads
Proposed Gas Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well; GAS
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T8S-R17E
T8S-R18E
T5S-R1E
T5S-R2E
T8S-R16E
T8S-R15E
T9S-R18E
T9S-R19E
T9S-R16E
T9S-R17E
T9S-R15E
T6S-R3W
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
Fencline
Greater Boundary II
Canvasback
Humpback
North Pariette
Hawkeye
Monument Butte NE
Travis
West Point
Wells Draw
Monument Butte East
Gilsonite
Boundary Line
Odekirk Spring
Sundance
Pariette
East Pariette
Ashley
Ashley Pa
Monument Butte
Jonah
Blacktail
Castle Draw
Pleasant Valley
Beluga
Long Tom
Nine Mile
Ashley Federal
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties
Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102
January 10, 2007



NEWFIELD
Exploration Company

9 Mile 2-16-9-16
SEC. 16, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 11-02-2007

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

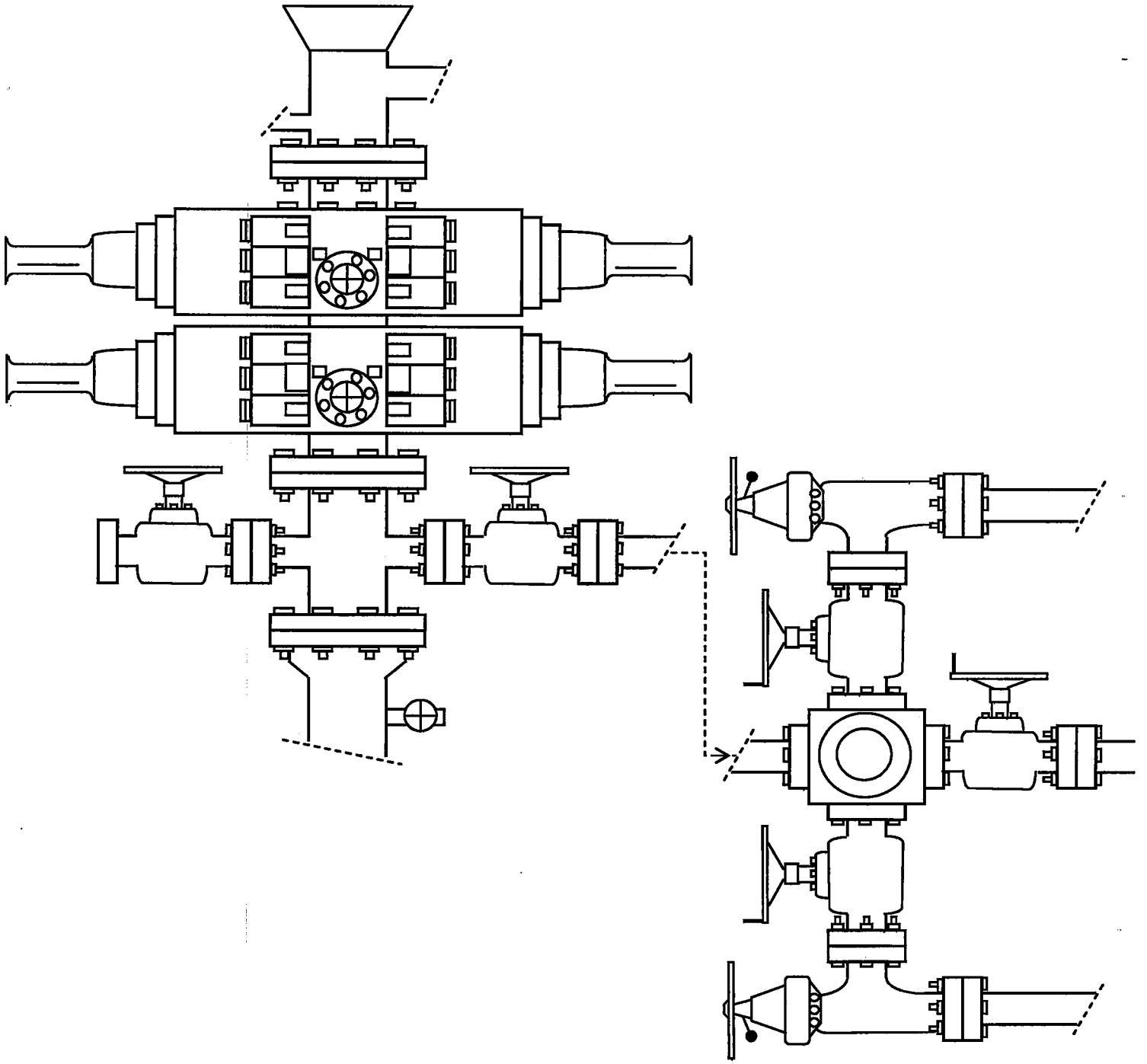


EXHIBIT C

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/29/2007

API NO. ASSIGNED: 43-013-33846

WELL NAME: STATE 2A-16-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWNE 16 090S 160E

SURFACE: 0497 FNL 1982 FEL

BOTTOM: 0497 FNL 1982 FEL

COUNTY: DUCHESNE

LATITUDE: 40.03673 LONGITUDE: -110.1213

UTM SURF EASTINGS: 574968 NORTHINGS: 4431994

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering	DKD	2/25/08
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-16532

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

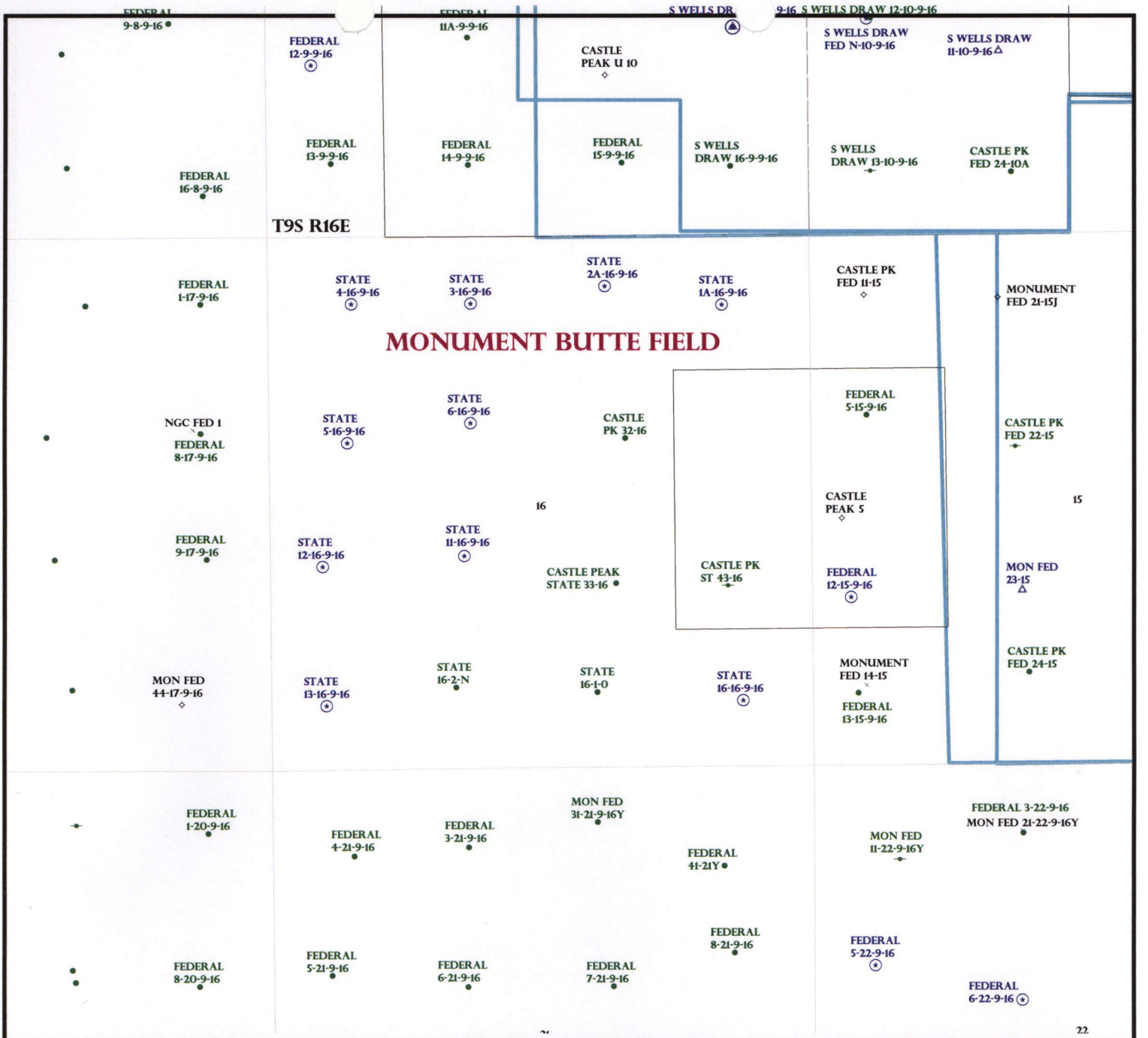
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___

___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (12-13-07)

STIPULATIONS: 1- Spacing Stip
2- STATEMENT OF BASIS
3- Surface Csg Cmt Stip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 16 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 05-DECEMBER-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
627	43-013-33846-00-00		OW	S	No

Operator NEWFIELD PRODUCTION COMPANY **Surface Owner-APD**
Well Name STATE 2A-16-9-16 **Unit**
Field MONUMENT BUTTE **Type of Work**
Location NWNE 16 9S 16E S 497 FNL 1982 FEL GPS Coord (UTM) 574968E 4431994N

Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,800'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought high enough to cover the estimated base of the moderately saline ground water.

Brad Hill 1/8/2008
APD Evaluator **Date / Time**

Surface Statement of Basis

The general area is approximately 20 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 20.4 miles. Construction of 1070 feet of new road will be required.

The proposed State #2A-16-9-16 oil well location is in rolling terrain with the reserve pit planned on a rise or ridge to the south. The pad will extend north with fill toward a gentle swale. Care should be exercised so as not to deposit fill in the bottom of this swale. A Gentle swale also exists to the west. No diversions are needed. The selected site poses no apparent surface concerns and appears to be a good location for constructing a pad, drilling and operating a well. The area was covered with about 10 inches of snow during the evaluation. Both the surface and minerals are owned by SITLA.

Daniel Emmett representing the Utah Division of Wildlife Resources stated the area is classified as substantial value sage grouse brooding habitat and crucial yearlong antelope habitat. He ask Mr. Allred of Newfield and Mr. Davis of SITLA that they try to schedule construction and drilling around the critical period of March 1 to June 15th for sagegrouse brooding. No restrictions for the antelope were requested. No other wildlife are expected to be significantly affected. Mr. Emmett gave Mr. Allred of Newfield Production Company and Mr. Davis of SITLA a copy of his evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed.

Floyd Bartlett 12/13/2007
Onsite Evaluator **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name STATE 2A-16-9-16
API Number 43-013-33846-0 **APD No** 627 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWNE **Sec** 16 **Tw** 9S **Rng** 16E 497 FNL 1982 FEL
GPS Coord (UTM) 574976 4432000 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred (Newfield Production Company), Cory Miller (Tri-State Land Surveying), Jim Davis (SITLA), Daniel Emmett (Utah Division of Wildlife Resources).

Regional/Local Setting & Topography

The general area is approximately 20 miles southwest of Myton, Utah in the upper Castle Peak area. Castle Peak Draw runs in a northeasterly direction about 14 miles and joins Pariette Draw. Pariette Draw continues in a southeasterly direction about 6 miles and joins the Green River about 6 miles below Ouray Utah. Pariette Draw contains a perennial stream somewhat consisting of irrigation runoff and seepage. No streams springs or seeps occur in the area. An occasional pond constructed to store runoff for livestock or wildlife exists. Drainages are ephemeral only flowing during spring snowmelt or following intense summer rainstorms. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40 and Duchesne County and oilfield development roads a distance of 20.4 miles. Construction of 1070 feet of new road will be required.

The proposed State #2A-16-9-16 oil well location is in rolling terrain with the reserve pit planned on a rise or ridge to the south. The pad will extend north with fill toward a gentle swale. Care should be exercised so as not to deposit fill in the bottom of this swale. A Gentle swale also exists to the west. No diversions are needed. The selected site poses no apparent surface concerns and appears to be a good location for constructing a pad, drilling and operating a well. The area was covered with about 10 inches of snow during the evaluation. Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.25	**Width** 199	**Length** 290	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Area was covered with snow. Vegetation is a Deseret shrub type. Identified or expected vegetation consisted of black sagebrush, shadscale, greasewood, mustard weed, rabbit brush, horsebrush, broom snakeweed, and spring annuals.

Cattle, prairie dogs, antelope, small mammals and birds. Golden eagle have been sited in the general area.

Soil Type and Characteristics

Moderately deep sandy clay loam with some surface rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	30 1 **Sensitivity Level**

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the southeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

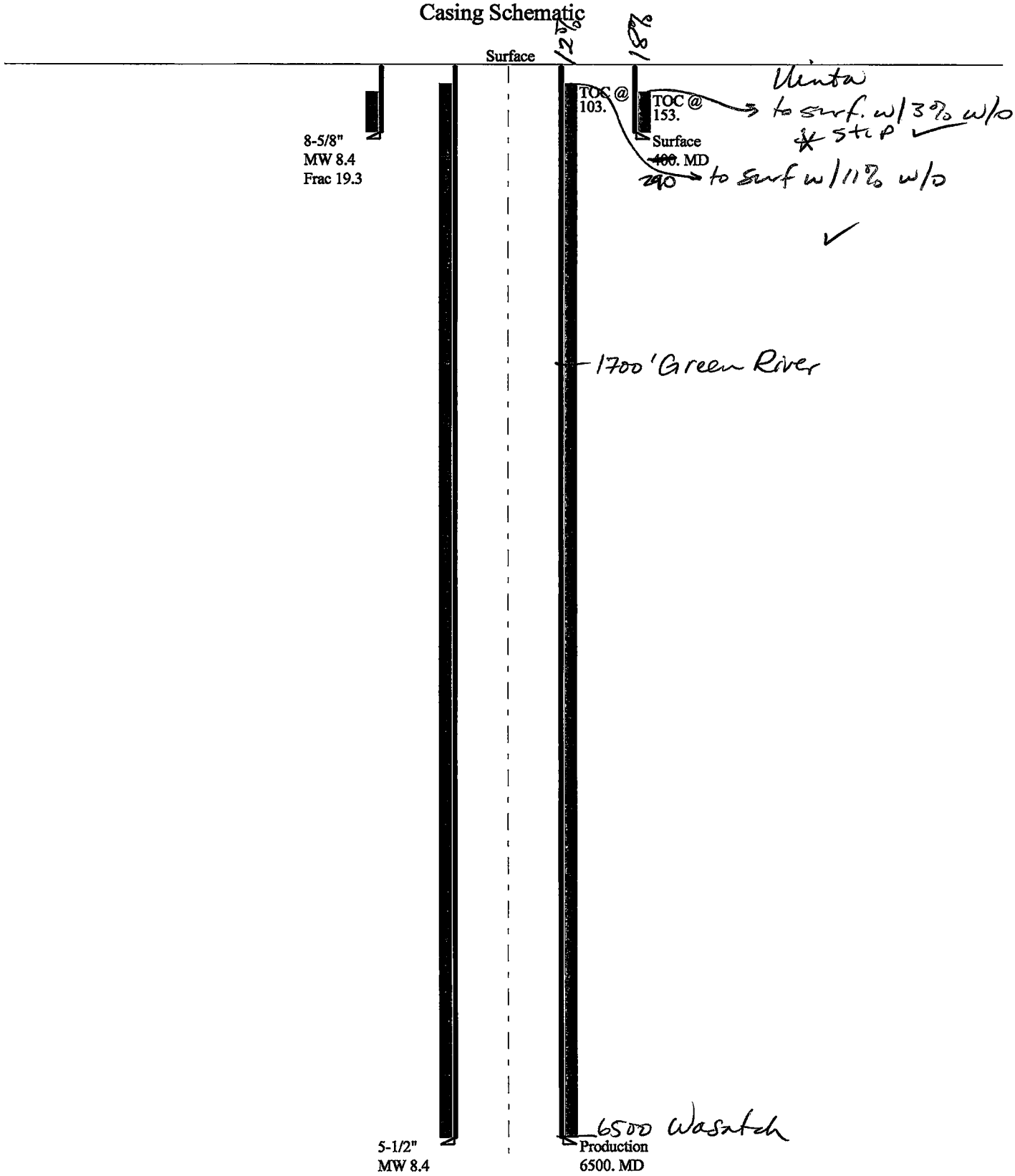
ATV's used to reach site. Site under 10 inches of snow.

Floyd Bartlett — **Evaluator**

12/13/2007 — **Date / Time**

2008-01 Newfield State 2A-16-9-16

Casing Schematic



BOPE REVIEW

Well Name	Newfield State 2A-16-9-16 API 43-013-33846

INPUT

Well Name	Newfield State 2A-16-9-16 API 43-013-33846			
	String 1	String 2	String 3	String 4
Casing Size (")	8 5/8	5 1/2		
Setting Depth (TVD)	290	6500		
Previous Shoe Setting Depth (TVD)	0	290		
Max Mud Weight (ppg)	8.4	8.4		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	1800	5.3 ppg		

#NAME?

Calculations	String 1	8 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	127	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	92	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	63	NO ok shallow depth
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	63	NO
Required Casing/BOPE Test Pressure		290	psi
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi *Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	2839	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2059	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1409	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1473	NO ← Known area - expected pressure ± 1000 psi; less - no known problems in 25 yrs.
Required Casing/BOPE Test Pressure		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe =		290	psi *Assumes 1psi/ft frac gradient

Well name:	**2008-01 Newfield State 2A-16-9-16**
Operator:	**Newfield Production Company**
String type:	Surface
Project ID:	43-013-33846
Location:	Duchesne County

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 349 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 81 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 153 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,500 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,836 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	174	1370	7.853	400	2950	7.38	8	244	29.10 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: January 15,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-01 Newfield State 2A-16-9-16**
Operator:	**Newfield Production Company**
String type:	Production
Project ID:	43-013-33846
Location:	Duchesne County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,406 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,836 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,674 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 166 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 103 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	6500	5.5	15.50	J-55	LT&C	6500	6500	4.825	868.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2836	4040	1.424	2836	4810	1.70	88	217	2.47 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: January 15,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Mason, Diana
Date: 1/8/2008 12:05 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

ConocoPhillips Company
Utah 29-574D (API 43 015 30735)

EOG Resources, Inc
CWU 956-32 (API 43 047 39515)

Kerr McGee Oil & Gas Onshore LP
NBU 1021-2N (API 43 047 38840)

Newfield Production Company
Wells Draw Fed C-5-9-16 (API 43 013 33753)
State 1A-16-9-16 (API 43 013 33845)
State 2A-16-9-16 (API 43 013 33846)
State 3-16-9-16 (API 43 013 33847)
State 4-16-9-16 (API 43 013 33848)
State 5-16-9-16 (API 43 013 33849)
State 6-16-9-16 (API 43 013 33850)
State 12-16-9-16 (API 43 013 33852)
State 13-16-9-16 (API 43 013 33853)
State 16-16-9-16 (API 43 013 33854)

Pioneer Natural Resources USA, Inc
Main Canyon State 12-16-15-23 (API 43 047 39695)
Main Canyon State 34-21-15-23 (API 43 047 39696)
Horse Point State 34-10-16-23 (API 43 019 31558)
Horse Point State 41-1-16-23 (API 43 019 31599)
Grand Canyon State 23-35-15.5-23 (API 43 019 31560)

If you have any questions regarding this matter please give me a call.

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

February 25, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: State 2A-16-9-16 Well, 497' FNL, 1982' FEL, NW NE, Sec. 16, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33846.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Newfield Production Company

Well Name & Number State 2A-16-9-16

API Number: 43-013-33846

Lease: ML-16532

Location: NW NE **Sec.** 16 **T.** 9 South **R.** 16 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Surface casing shall be cemented to the surface.

RECEIVED

MAR 1 2 2008

DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-16532** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 2-16-9-16**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-013-33846**
4. LOCATION OF WELL Footages **497 FNL 1982 FEL** QQ, SEC, T, R, M: **NW/NE Section 16, T9S R16E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **DUCHESNE** STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT: (Submit in Duplicate)		SUBSEQUENT REPORT OF: (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[ ] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[X] OTHER **APD Change**		DATE WORK COMPLETED	
		Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		*Must be accompanies by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfeild Production requests the following changes be made the drilling program on the above mentioned approved APD.

Surface Casing will be set @ 290'.

13. NAME & SIGNATURE Mandie Crozier TITLE Regulatory Specialist DATE 3/7/2008

(This space for State use only)

4/94 * See Instructions On Reverse Side

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE 3/14/08

BY:

COPY SENT TO OPERATOR

Date: 3·19·2008

Initials: KS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16767	4304739268	FEDERAL 14-24-9-17	SESW	24	9S	17E	~~DUCHESNE~~ Uintah	3/26/2008	4/3/08

WELL 1 COMMENTS:
GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	12275	4304739680	CASTLE DRAW STATE S-2-9-17	NESE	2	9S	17E	DUCHESNE Uintah	3/27/2008	4/3/08

GRRV BHL = NESE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	16768	4301333845	State 1A-16-9-16 ~~STATE 1-16-9-16~~	NENE	16	9S	16E	DUCHESNE	3/29/2008	4/3/08

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	14844	4304734938	FEDERAL 2-1-9-17	NWNE	1	9S	17E	DUCHESNE Uintah	3/29/2008	4/3/08

GRRV Sundance Unit

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16769	4301333846	State 2A-16-9-16 ~~FEDERAL 2-16-9-16~~	NWNE	16	9S	16E	DUCHESNE	3/31/2008	4/3/08

WELL 5 COMMENTS:
GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16770	4304739266	FEDERAL 12-24-9-17	NWSW	24	9S	17E	~~DUCHESNE~~ Uintah	3/31/2008	4/3/08

WELL 5 COMMENTS:
GRRV

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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Signature: Jentri Park
Production Clerk
01/02/08
Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-16532
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER	8. WELL NAME and NUMBER: STATE 2A-16-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301333846
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 497 FNL 1982 FEL	COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 16, T9S, R16E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
Do not use this form for wells, or	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
TYPE OF WELL	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
NAME	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
Date of Work Completion:	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
3 ADDRESS OF OPERATOR	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	
Ro 04/07/2008			
4 LOCATION OF WELL			
FOOTAGES AT SURFACE			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 3/31/08 MIRU Ross # 21. Spud well @ 9:30 am. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 324.36'KB. On 4/03/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Jim Smith TITLE Drilling Foreman

SIGNATURE DATE 04/07/2008

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APR 09 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 324.36

LAST CASING 8 5/8" SET AT 324.36
DATUM 12' KB
DATUM TO CUT OFF CASING
DATUM TO BRADENHEAD FLANGE
TD DRILLER 320' LOGGER N/A
HOLE SIZE 12 1/4

OPERATOR Newfield Production
WELL State 2-16-9-16
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # Ross # 21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		44.77' SH jt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.51
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	314.36	7
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	312.51	7
TOTAL CSG. DEL. (W/O THRDS)	296.06	7
TIMING	1ST STAGE	
BEGIN RUN CSG. Spud	3/31/2008	9:30 AM
CSG. IN HOLE	3/31/2008	5:00 PM
BEGIN CIRC	4/3/2008	8:10 AM
BEGIN PUMP CMT	4/3/2008	8:20 AM
BEGIN DSPL. CMT	4/3/2008	8:40
PLUG DOWN	4/3/2008	8:50 AM

TOTAL LENGTH OF STRING	314.36
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	324.36

} COMPARE

GOOD CIRC THRU JOB yes
Bbls CMT CIRC TO SURFACE 3
RECIPROCATED PIPE I N/A
DID BACK PRES. VALVE HOLD ? N/A
BUMPED PLUG TO 137 PSI

CEMENT USED	CEMENT COMPANY- B. J.
STAGE # SX	CEMENT TYPE & ADDITIVES
1 160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Ray Herrera DATE 4/3/2008

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MAR 0 5 2008
DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-16532** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 2A-16-9-16**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-013-33846**
4. LOCATION OF WELL Footages **497 FNL 1982 FEL** QQ, SEC, T, R, M: **NW/NE Section 16, T9S R16E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **DUCHESNE** STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT: (Submit in Duplicate)		SUBSEQUENT REPORT OF: (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[ ] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[X] OTHER **APD Change**		DATE WORK COMPLETED	
		Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		*Must be accompanies by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

Newfeild Production requests the change the name of the above mentioned well to the **State 2-16-9-16.**

13. NAME & SIGNATURE Mandie Crozier TITLE Regulatory Specialist DATE 3/4/2008

(This space for State use only)

Approved by the Utah Division of Oil, Gas and Mining

* See Instructions On Reverse Side

Date: 04-29-08

By:

COPY SENT TO OPERATOR

Date: 5.1.2008

Initials: KS

4/94

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: STATE 1A-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333846

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 497 FNL 1982 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 16, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
05/01/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 4/24/08 Ratterson Rig # 52. Set all equipment. Pressure test 4/25/08 Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,810. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 5815.67' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 36 bbls cement returned to pit. Nipple down Bop's. Drop slips @110,000 #'s tension. Release rig 8:00 AM 4/30/08.

NAME (PLEASE PRINT) Alvin Nielsen TITLE Drilling Foreman

SIGNATURE Alvin Nielsen DATE 05/01/2008

(This space for State use only)

RECEIVED
MAY 05 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT **5815.67**

Flt cllr @ 5796.33

LAST CASING 8 5/8" SET AT 324'

OPERATOR **Newfield Production Company**

DATUM **12**

WELL **State 2A-16-9-16**

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT **Monument Butte**

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # **Patterson # 52**

TD DRILLER **5810** LOGGI 5828

HOLE SIZE **7 7/8"**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 4 3684' (7.08')					
141	**5 1/2"**	ETC LT & C casing	**15.5#**	**J-55**	**8rd**	**A**	5797.58
							0.6
1	**5 1/2"**	ETC LT&C csg	**15.5#**	**J-55**	**8rd**	**A**	20.09
		GUIDE shoe			**8rd**	**A**	0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	5817.67	142
LESS NON CSG. ITEMS	15.25	
PLUS FULL JTS. LEFT OUT	166.35	4
TOTAL	**5968.77**	146
TOTAL CSG. DEL. (W/O THRDS)	5968.77	146
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	4/29/2008	8:30 PM
CSG. IN HOLE	4/30/2008	1:00 AM
BEGIN CIRC	4/30/2008	1:00 AM
BEGIN PUMP CMT	4/30/2008	3:50 AM
BEGIN DSPL. CMT	4/30/2008	4:50 AM
PLUG DOWN	**4/30/2008**	**5:10 AM**

TOTAL LENGTH OF STRING	5817.67
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**5815.67**

} COMPARE

GOOD CIRC THRU JOB YES

Bbls CMT CIRC TO SURFACE 36

RECIPROCATED PIPE FOR ____ THRU ____ FT STROKE

DID BACK PRES. VALVE HOLD ? YES

BUMPED PLUG TO 1860 PSI

CEMENT USED — CEMENT COMPANY- **B. J.**

STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE **Alvin Nielsen** DATE **4/30/2008**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: STATE 2-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333846

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 497 FNL 1982 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 16, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
06/23/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05/28/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE DATE 06/23/2008

(This space for State use only)

RECEIVED
JUN 30 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

STATE 2-16-9-16

3/1/2008 To 7/30/2008

5/16/2008 Day: 1 **Completion**

Rigless on 5/15/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5735' & cement top @ 54'. Perforate stage #1, CP1 sds @ 5600-07' & 5546-56' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 68 shots. 138 BWTR. SWIFN.

5/22/2008 Day: 2 **Completion**

Rigless on 5/21/2008 - Stage #1, CP1 sands. RU BJ Services. 0 psi on well. Frac CP1 sds w/ 15,030#'s of 20/40 sand in 274 bbls of Lightning 17 fluid. Broke @ 2435 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1971 psi @ ave rate of 26.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1642 psi. Leave pressure on well. 412 BWTR Stage #2, LODC sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' perf gun. Set plug @ 5400'. Perforate LODC sds @ 5304-15' w/ 3-1/8" Slick Guns w/ 4 spf for total of 44 shots. RU BJ Services. 1281 psi on well. Frac LODC sds w/ 20,640#'s of 20/40 sand in 313 bbls of Lightning 17 fluid. Broke @ 3458 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2797 psi. Leave pressure on well. 725 BWTR Stage #3, C sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4910'. Perforate C sds @ 4807-17' w/ 3-1/8" Slick Guns w/ 4 spf for total of 40 shots. RU BJ Services. 1975 psi on well. Frac C sds w/ 24,830#'s of 20/40 sand in 339 bbls of Lightning 17 fluid. Broke @ 2165 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2256 psi. Leave pressure on well. 1064 BWTR Stage #4, D2 & D3 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' & 7' perf gun. Tagged sand @ 4723'. Unabe to set plug & perforate. POH w/ plug & guns. Flowback well for 3 hrs. Rec 180 BTF. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' & 7' perf gun. Set plug @ 4785'. Perforate D3 sds @ 4740-47', D2 @ 4718-25' w/ 3-1/8" Slick Guns w/ 4 spf for total of 56 shots. RU BJ Services. 100 psi on well. Started frac. Had trouble w/ chemical truck pumps. SIWFN w/ 884 BWTR.

5/23/2008 Day: 3 **Completion**

Leed #731 on 5/22/2008 - Day 3. Stage #4, D2 & D3 sands. RU RU BJ Services. 50 psi on well. Frac D2 & D3 sds w/ 25,834#'s of 20/40 sand in 447 bbls of Lightning 17 fluid. Broke @ 2515 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2017 psi @ ave rate of 23.5 BPM. ISIP 2000 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 hrs & died. Recovered 120 BTF. MIRU Leed 731. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" Hurricane bit, bit sub & 60 jts of 2 7/8 J-55 tbg. SIWFN w/ 1211 BWTR.

5/24/2008 Day: 4 **Completion**

Leed #731 on 5/23/2008 - Bleed pressure off well. Rec est 10 BTF. Con't PU & TIH W/ bit and tbg f/ 1920'. Tag fill @ 4670'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4670', plug @ 4785' in 15 minutes; sd @ 4855', plug @ 4910' in 10 minutes; sd @ 5382', plug @ 5400' in 15 minutes. Con't swivelling jts in hole. Tag fill @ 5676'. Drill plug remains & sd to PBTD @ 5794'. Circ hole clean W/ no fluid loss. RD swivel & pull EOT to 5698'. RU swab equipment. IFL @ sfc. Made 5 swb runs rec 70 BTF W/ light gas & tr oil & sd. FFL @ 1100'. SIFN W/ est 1120 BWTR.

5/28/2008 Day: 5 **Completion**

Leed #731 on 5/27/2008 - Bleed pressure off annulus--flowing oil. Flow back est 55 BTF (W/ est 25% oil cut & no sand). Circ hole W/ clean wtr. Lost est 30 BW & rec 20 BO. TIH W/ tbg. Tag PBTD @ 5794' (no new fill). LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 178 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5558' W/ SN @ 5592' & EOT @ 5655'. Land tbg W/ 15,000# tension. NU wellhead. Flush tbg W/ 60 BW (returned same). PU & TIH W/ pump and rod string to 3100'. PU polished rod & SIFN W/ est 1109 BWTR.

5/29/2008 Day: 6 **Completion**

Leed #731 on 5/28/2008 - LD polished rod & con't PU "A & "B" grade rod string f/ 3100' (complete as follows): new CDI 2 1/2" X 1 1/2" X 15.5' RHAC pump, 6-1 1/2" weight rods (B), 20-3/4" scrapered rods (B), 98-3/4" plain rods (B), 99-3/4" scrapered rods (B), 1-8' X 3/4" pony rod (A) and 1 1/2" X 26' polished rod (A). Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1111 BWTR. Place well on production @ 3:00 PM 5/28/2008 W/ 56" SL @ 4.5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

FORM 3160-4 *
(July 1[redacted]

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: State

8. FARM OR LEASE NAME, WELL NO.: State 2-16-9-16

9. WELL NO.: 013 43-013-33846

10. FIELD AND POOL OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 16, T9S, R16E

1a. TYPE OF WORK

OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL

NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

2. NAME OF OPERATOR: Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.: 1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 497' FNL & 1982' FEL (NW/NE) Sec. 16, T9S, R16E
At top prod. Interval reported below
At total depth

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
013 43-013-33846	02/25/08	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
03/31/08	04/29/08	05/28/08	5809' GL 5821' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5810'	5794'		------->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4718'-5607'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5816'	7-7/8"	315 sx Premlite II and 415 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5655'	TA @ 5558'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP1) 5600'-07', 5546'-5556'	.49"	4/68
(LODC) 5304'-5315'	.49"	4/44
(C) 4807'-4817'	.49"	4/40
(D3 &2) 4740'-4747', 4718'-4725'	.49"	4/56

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5546'-5607'	Frac w/ 15,030# 20/40 sand in 274 bbls fluid
5304'-5315'	Frac w/ 20,640# 20/40 sand in 313 bbls fluid
4807'-4817'	Frac w/ 24,830# 20/40 sand in 339 bbls fluid
4718'-4747'	Frac w/ 25,834# 20/40 san din 447 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
05/28/08	2-1/2" x 1-1/2" x 15.5' RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
06-15-08			----->	53	159	7	3000

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park TITLE Production Tech DATE 7/9/2008

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **State 2-16-9-16**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	**3637'**	
Garden Gulch 1	**3849'**	
Garden Gulch 2	**3958'**	
Point 3 Mkr	**4211'**	
X Mkr	**4476'**	
Y-Mkr	**4510'**	
Douglas Creek Mkr	**4630'**	
BiCarbonate Mkr	**4868'**	
B Limestone Mkr	**4981'**	
Castle Peak	**5489'**	
Basal Carbonate	**NP**	
Total Depth (LOGGERS	**5828'**	

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS** Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	5. LEASE DESIGNATION AND SERIAL NO. **ML-16532** 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME **N/A**
OIL WELL [ ] GAS WELL [X] OTHER [ ]	7. UNIT AGREEMENT NAME **NA**
2. NAME OF OPERATOR **NEWFIELD PRODUCTION COMPANY**	8. WELL NAME and NUMBER **STATE 2-16-9-16**
3. ADDRESS AND TELEPHONE NUMBER **Rt. 3 Box 3630, Myton Utah 84052** **435-646-3721**	9 API NUMBER **43-013-33846**
4. LOCATION OF WELL Footages **497 FNL 1982 FEL** QQ, SEC, T, R, M: **NW/NE Section 16, T9S R16E**	10 FIELD AND POOL, OR WILDCAT **MONUMENT BUTTE** COUNTY **DUCHESNE** STATE **UTAH**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT: (Submit in Duplicate)		SUBSEQUENT REPORT OF: (Submit Original Form Only)	
[ ] ABANDON	[ ] NEW CONSTRUCTION	[ ] ABANDON*	[ ] NEW CONSTRUCTION
[ ] REPAIR CASING	[ ] PULL OR ALTER CASING	[ ] REPAIR CASING	[ ] PULL OR ALTER CASING
[ ] CHANGE OF PLANS	[ ] RECOMPLETE	[X] CHANGE OF PLANS	[ ] RECOMPLETE
[ ] CONVERT TO INJECTION	[ ] REPERFORATE	[ ] CONVERT TO INJECTION	[ ] REPERFORATE
[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE	[ ] FRACTURE TREAT OR ACIDIZE	[ ] VENT OR FLARE
[ ] MULTIPLE COMPLETION	[ ] WATER SHUT OFF	[ ] OTHER	
[ ] OTHER		DATE WORK COMPLETED	
		Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		*Must be accompanies by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

As per a conversation with Helen Sadik MacDonald approval was given to go ahead and set the planned 290' of surface casing that is normally set on wells drilled within the Monument Butte field by Newfield Production. Subsequently 324' of surface casing was set on the above mentioned well.

13.
NAME & SIGNATURE: Mandie Crozier TITLE Regulatory Specialist DATE 7/21/2008

(This space for State use only)

4/94 * See Instructions On Reverse Side

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DIV. OF OIL, GAS & MINING

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-415.1

Operator: Newfield Production Company

Well: State 2-16-9-16

Location: Section 16, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33846

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 12, 2014
2. Maximum Allowable Injection Pressure: 1,606 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,957' – 5,794')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____ 4/3/2014
John Rogers
Associate Director
Date

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

February 12, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: State 2-16-9-16, Section 16, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33846

Ladies Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

5. The top of the injection interval shall be limited to a depth no higher than 3,957 feet in the State 2-16-9-16 well.

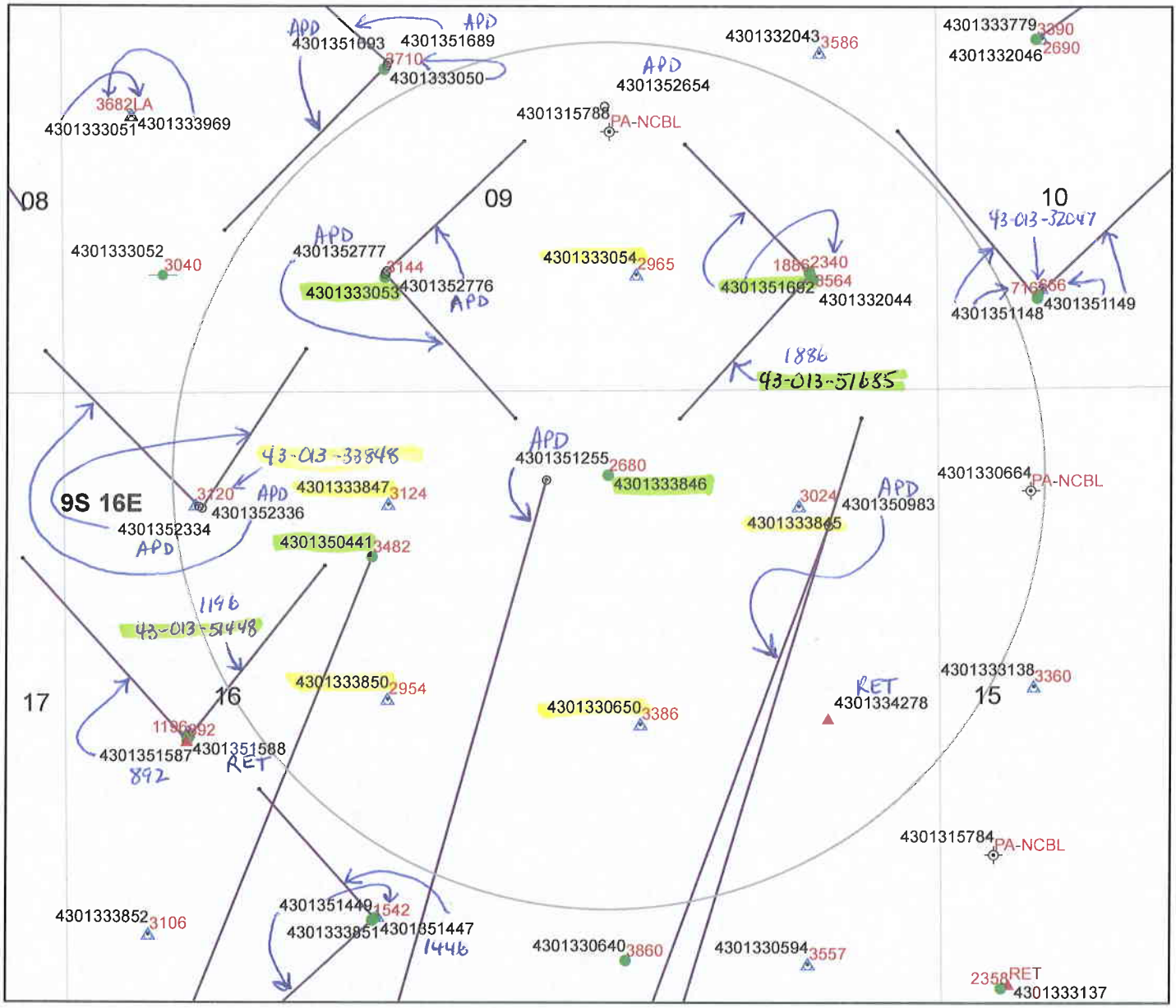
A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

UTAH DNR
OIL, GAS & MINING



Legend

Oil & Gas Well Type

- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- GIW-Gas Injection Well
- GSW-Gas Storage Well
- LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well in AOR
- RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- WIW-WaterInjection Well in AOR
- WSW-Water Supply Well

4585 Depth to top of suitable cement bond

- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

Cement Bond Tops
State 2-16-9-16
API #43-013-33846
UIC-415.1

(updated 4/3/2014)

0 0.05 0.1 0.2 0.3 0.4 Miles

N

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** State 2-16-9-16

Location: 16/9S/16E **API:** 43-013-33846

Ownership Issues: The proposed well is located on State of Utah land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,816 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,680 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,668 feet. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (4/3/2014), on the basis of surface locations, there are 5 producing wells, 6 injection wells, 1 shut-in well, and 2 P/A wells in the AOR. One of the producing wells is horizontally drilled with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there is one directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 2 approved surface locations inside the AOR from which horizontal wells will be drilled to bottom hole locations outside the AOR and 1 surface location inside the AOR for a directional well to be drilled to a bottom hole location outside the AOR. The Castle Peak 32-16 (43-013-30650) well is located 0.3 mile south of the State 2-16 well. For this well, the original cement bond log (8/4/1982) demonstrates adequate bond up to about 4,512 feet. Newfield completed cement remediation in the Castle Peak 32-16 well on 6/24/2013, and a new CBL was run on 6/25/2013. The new CBL indicates variable but adequate cement between at least 3386 and 3634 feet. DOGM accepts 3386 feet as the top of adequate cement. Following this remediation, all of the existing wells in the AOR have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2600 feet. Injection shall be limited to the interval between 3,957 feet and 5,794 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 2-16-9-16 well is

0.73 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,606 psig. The requested maximum pressure is 1,606 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 2/11/2014 (revised 4/3/2014)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune MEDIA Deseret News

PROOF OF PUBLICATION CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	12/13/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	**ADORDER**
8015385340	0000927358
SCHEDULE	
Start 12/13/2013	End 12/13/
CUST. REF. NO.	
Newfield Cause UIC-415	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTME	
SIZE	
94 Lines	3.00
TIMES	
3	
MISC. CHARGES	

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DEC 20 2013
DIV. OF OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES
CAUSE NO. UIC-415 IN THE MATTER OF THE APPLICA FOR **DIV OF OIL-GAS & MIN**
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND D
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 12/13/2013 End 12/13/2013

SIGNATURE

DATE 12/13/2013

VIRGINIA CRAFT
Notary Public State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

NOTARY SIGNATURE

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2210 | REB | 6131

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853
Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650
Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003
Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873
Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961
Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

923758 UPAXLP

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of December, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of December, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me on this 23 day of December, 20 13

by Kevin Ashby.

Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2016
State of Utah

RECEIVED
DEC 24 2013
DIV. OF OIL, GAS & MINING

NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street,

Continued on next page

Continued from previous page

Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846

State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853

Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650

Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033

Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035

Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922

Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063

Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100

Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102

Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South,

Any person desi
ing to object to t
application or ot
erwise intervene
the proceeding, mu
file a written prote
or notice of interve
tion with the Divisi
within fifteen da
following publicati
of this notice. The D
vision's Presiding C
ficer for the proceedi
is Brad Hill, Permitti
Manager, at P.O. B
145801, Salt Lake Ci
UT 84114-5801, pho
number (801) 53
5340. If such a prot
or notice of interve
tion is received, a he
ing will be schedul
in accordance wi
the aforementio
administrative pr
cedural rules. Prot
tants and/or interv
ers should be prepa
to demonstrate at
hearing how this ma
affects their interes

Dated this 11th
of December, 2013
STATE OF UTA
DIVISION OF O
GAS & MINING
/s/
Brad Hill
Permitting Mana

Published in
Uintah Basin Stand
December 17, 201

OIL, GAS & MINING

Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003
Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873
Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961
Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

141

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
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Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003

Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873
Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961
Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

STATE 2-16-9-16, STATE 13-16-9-16, CASTLE PEAK 32-16, FEDERAL 10-17-9-16, FEDERAL 12-17-9-16, FEDERAL 16-18-9-16, FEDERAL 2-19-9-16, FEDERAL 6-19-9-16, FEDERAL 12-19-9-16, FEDERAL 14-19-9-16, FEDERAL 16-19-9-16, FEDERAL 8-20-9-16, FEDERAL 3-21-9-16, FEDERAL 4-21-9-16, FEDERAL 8-21-9-16, FEDERAL 2-23-9-16, CASTLE PEAK FEDERAL 6-23, FEDERAL 8-23-9-16, FEDERAL 14-24-9-16

Cause No. UIC-415

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jean Sweet

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

December 12, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

1 message

UB Standard Legals <ubslegals@ubmedia.biz> Thu, Dec 12, 2013 at 1:22 PM
To: Jean Sweet <jsweet@utah.gov>

On 12/12/2013 11:59 AM, Jean Sweet wrote:

> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
>
> Division of Oil, Gas and Mining
>
> PO Box 145801
>
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean
> --
> Jean Sweet
> Executive Secretary
> Utah Division of Oil, Gas and Mining
> 801-538-5329

This will publish Dec. 17. Thank you. Merry Christmas.
Cindy

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

December 12, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet <jsweet@utah.gov>

Proof for Notice

1 message

Stowe, Ken <naclegal@mediaoneutah.com> Thu, Dec 12, 2013 at 12:34 PM
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

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The Salt Lake Tribune MEDIAOne of Utah Deseret News

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000927358-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	**Payor Address**	1594 W NORTH TEMP #1210,P.O. BO) SALT LAKE CITY, UT 84114
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	**$478.76**
Payment Amt	**$0.00**
Amount Due	**$478.76**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method **PO Number** Newfield Cause UIC-4

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	3.0 X 94 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/13/2013	

Order Confirmation for Ad #0000927358-01

Ad Content Proof Actual Size

NEWFIELD

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

November 27, 2013

RECEIVED
DEC 03 2013
DIV. OF OIL, GAS & MINING

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
State #2-16-9-16
Monument Butte Field, Lease #ML-16532
Section 16-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the State #2-16-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

STATE #2-16-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #ML-16532

NOVEMBER 26, 2013

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: State #2-16-9-16
Field or Unit name: Monument Butte (Green River) Lease No. ML-16532
Well Location: QQ NWNE section 16 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-33846

Proposed injection interval: from 3957 to 5794
Proposed maximum injection: rate 500 bpd pressure 1606 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Jill L Loyle Signature
Title Regularory Associate Date 27 Nov 2013
Phone No. 303-383-4135

(State use only)
Application approved by Title
Approval Date

Comments:

State 2-16-9-16

Spud Date: 3/31/08

Put on Production: 5/28/08
GL: 5809' KB: 5821'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (314.36')

DEPTH LANDED: 324.36'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G", circ. 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5817.67')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5815.67'

CEMENT DATA: 315 sxs Prem. Lite II & 415 sxs 50/50 Poz

CEMENT TOP AT: 54' per CBL 5/15/08

TUBING (GI 4/5/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 178 jts (5548.8')

TUBING ANCHOR: 5560.8'

NO. OF JOINTS: 1 jt (31.5')

SEATING NIPPLE: 2-7/8" (1.10')

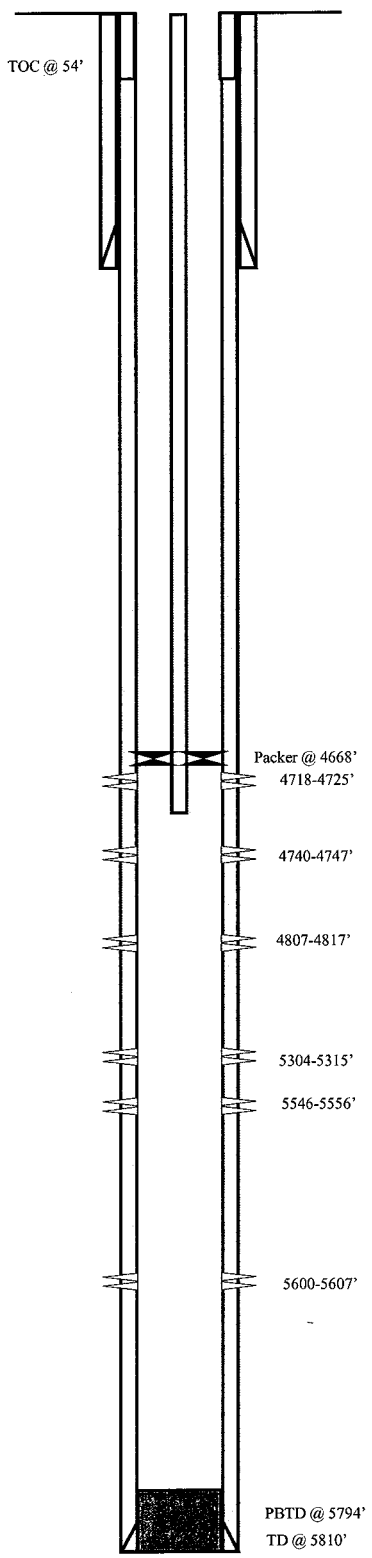
SN LANDED AT: 5595.1' KB

NO. OF JOINTS: 2 jts (62.1')

NOTCHED COLLAR: 2-7/8" (0.5')

TOTAL STRING LENGTH: EOT @ 5659' KB

Proposed Injection
Wellbore Diagram



FRAC JOB

05-21-08 5546-5556' **Frac CP1 sds as follows:**
15,030# 20/40 sand in 274 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1971 psi @ ave rate of 26.4 BPM. ISIP 1642 psi. Actual Flush: 5040 gals.

05-21-08 5304-5315' **Frac LODC sds as follows:**
20,640# 20/40 sand in 313 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM. ISIP 2797 psi. Actual Flush: 4801 gals.

05-21-08 4807-4817' **Frac C sds as follows:**
24,830# 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM. ISIP 2256 psi. Actual Flush: 4330 gals.

05-22-08 4718-4725' **Frac D2 & D3 sds as follows:**
25,834# 20/40 sand in 447 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2017 psi @ ave rate of 23.5 BPM. ISIP 2000 psi. Actual flush: 4670 gals.

2/18/09 Tubing Leak. Updated r & t details.

4/7/11 Tubing leak. Updated Rod & tubing details.

PERFORATION RECORD

4718-4725'	4 JSPF	28 holes
4740-4747'	4 JSPF	28 holes
4807-4817'	4 JSPF	40 holes
5304-5315'	4 JSPF	44 holes
5546-5556'	4 JSPF	40 holes
5600-5607'	4 JSPF	28 holes

NEWFIELD

State 2-16-9-16
497' FNL & 1982' FEL
NW/NE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33846; Lease #ML-16532

JL 11/25/2013

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the State #2-16-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the State #2-16-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3957' - 5794'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3636' and the TD is at 5810'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the State #2-16-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a State lease (Lease #ML-16532) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5816' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1606 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the State #2-16-9-16, for existing perforations (4718' - 5556') calculates at 0.73 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1606 psig. We may add additional perforations between 3636' and 5810'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the State #2-16-9-16, the proposed injection zone (3957' - 5794') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-10.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

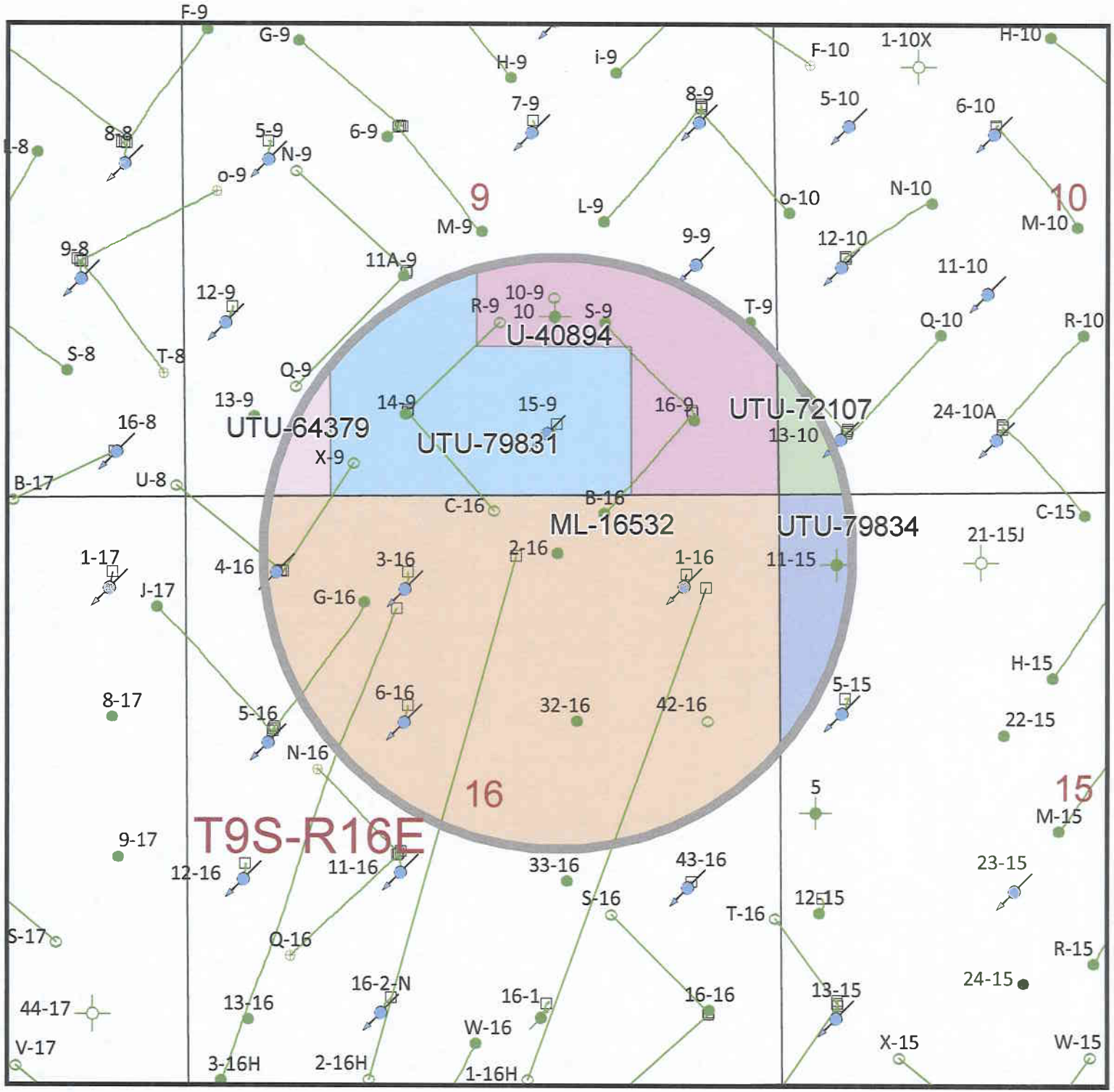
2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

Attachment A



Lease Number

- ML-16532
- U-40894
- UTU-64379
- UTU-72107
- UTU-79831
- UTU-79834

Half-Mile Buffer

Well Status

- Location
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Water Disposal Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

State 2-16-9-16
Section 16, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1 in = 1,250 feet

1/2 Mile Radius Map

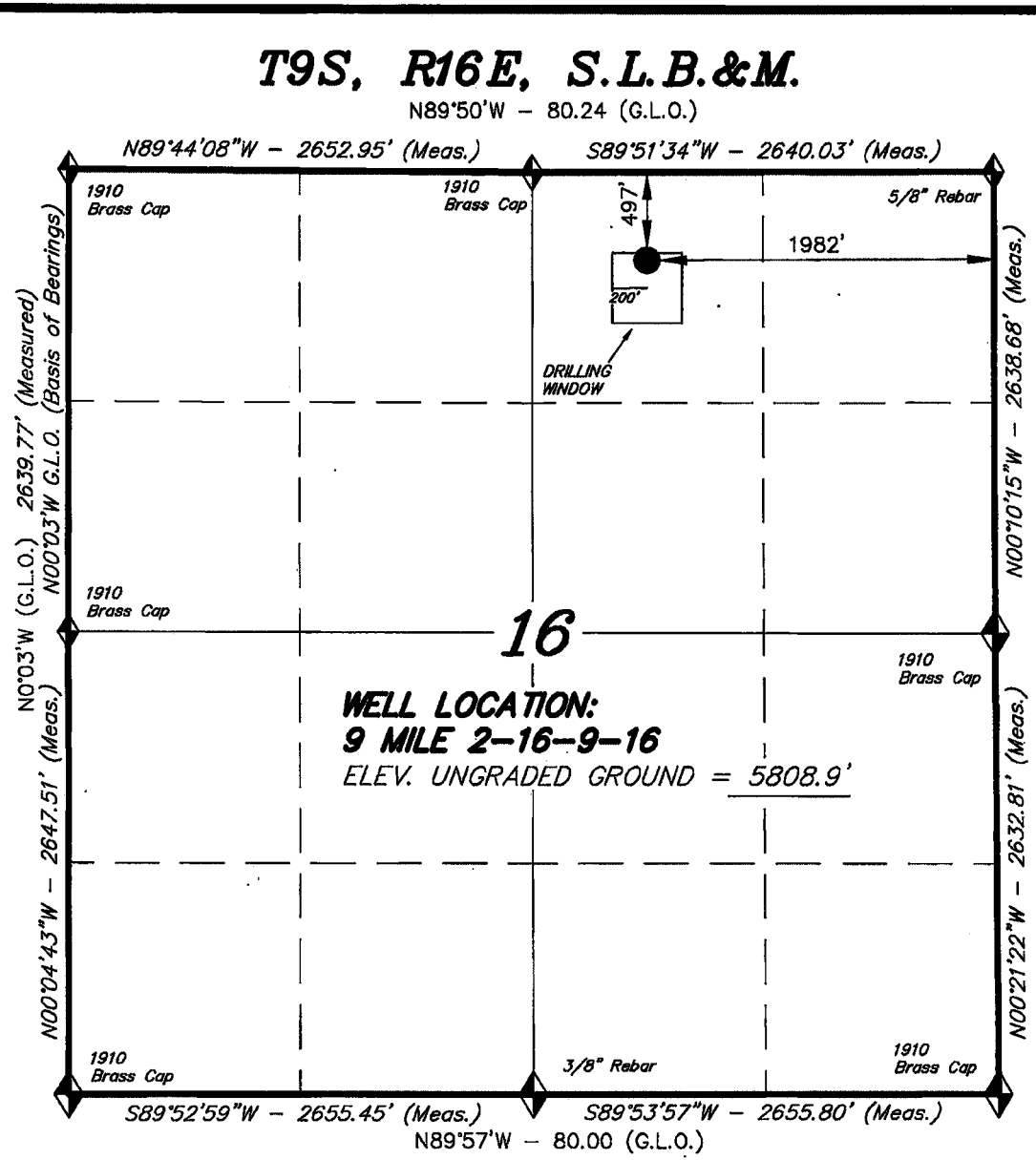
Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

Jan. 29, 2014

ATTACHMENT A-1

T9S, R16E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 2-16-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 12.17"
LONGITUDE = 110° 07' 18.94"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 2-16-9-16, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-11-07	SURVEYED BY: C.M.
DATE DRAWN: 11-01-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-616E SLM Section 16: All	State of Utah ML 16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc	State of Utah
2	T9S-R16E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 10: S2N2,N2S2, S2SW	USA UTU-72107 HBP	Newfield Production Company Newfield RMI LLC	USA
5	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
6	T9S-R16E SLM Section 15: W2W2	USA UTU-79834 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
State #2-16-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Newfield Production Company
Jill L Loyle
Regulatory Associate

Sworn to and subscribed before me this 27th day of November, 2013.

Notary Public in and for the State of Colorado: _____

My Commission Expires: 11/08/2014

MICHELLE S GONZALES
Notary Public
State of Colorado

ATTACHMENT E

State 2-16-9-16

Spud Date: 3/31/08

Put on Production: 5/28/08
GL: 5809' KB: 5821'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (314.36')

DEPTH LANDED: 324.36'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G", circ. 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5817.67')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5815.67'

CEMENT DATA: 315 sxs Prem. Lite II & 415 sxs 50/50 Poz

CEMENT TOP AT: 54' per CBL 5/15/08

TUBING (GI 4/5/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 178 jts (5548.8')

TUBING ANCHOR: 5560.8'

NO. OF JOINTS: 1 jt (31.5')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5595.1' KB

NO. OF JOINTS: 2 jts (62.1')

NOTCHED COLLAR: 2-7/8" (0.5')

TOTAL STRING LENGTH: EOT @ 5659' KB

SUCKER RODS (GI 4/5/11)

POLISHED ROD: 1-1/2" x 26' polished rod

SUCKER RODS: 8', 4', 4' 7/8" pony rods, 97 x 3/4" guided rods, 79 x 3/4" guided rods, 40 x 3/4" guided rods, 6 x 1-½" weight rods, 6(4') x 1" stabilizer rods.

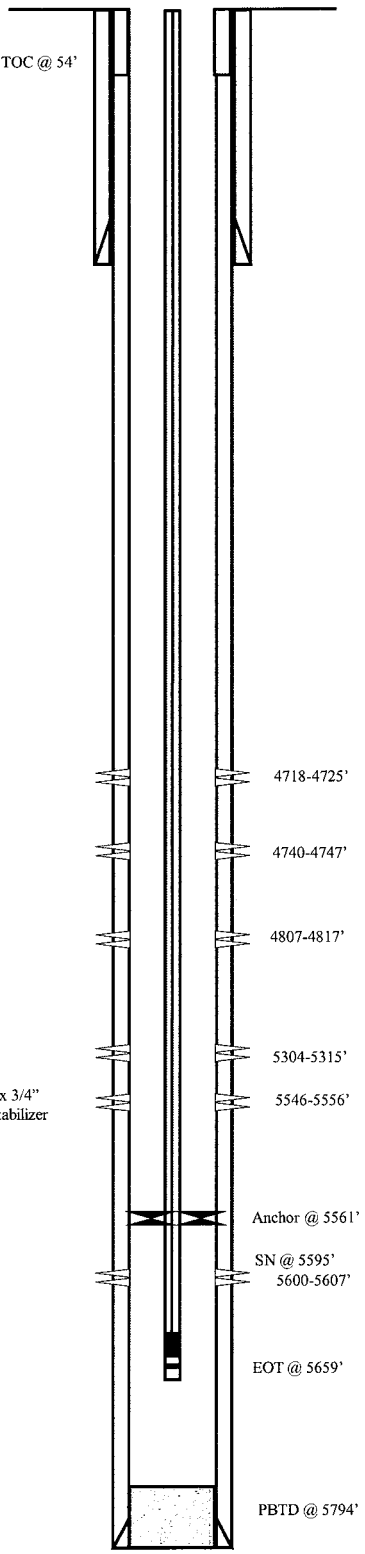
PUMP SIZE: 2-1/2" x 1-1/4" x 16 RHAC

STROKE LENGTH: 63"

PUMP SPEED, SPM: 4

PUMPING UNIT: LUFKIN C-228-212-86

Wellbore Diagram



FRAC JOB

05-21-08 5546-5556' **Frac CP1 sds as follows:**
15,030# 20/40 sand in 274 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1971 psi @ ave rate of 26.4 BPM. ISIP 1642 psi. Actual Flush: 5040 gals.

05-21-08 5304-5315' **Frac LODC sds as follows:**
20,640# 20/40 sand in 313 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM. ISIP 2797 psi. Actual Flush: 4801 gals.

05-21-08 4807-4817' **Frac C sds as follows:**
24,830# 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM. ISIP 2256 psi. Actual Flush: 4330 gals.

05-22-08 4718-4725' **Frac D2 & D3 sds as follows:**
25,834# 20/40 sand in 447 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2017 psi @ ave rate of 23.5 BPM. ISIP 2000 psi. Actual flush: 4670 gals.

2/18/09 Tubing Leak. Updated r & t details.

4/7/11 Tubing leak. Updated Rod & tubing details.

PERFORATION RECORD

4718-4725'	4 JSPF	28 holes
4740-4747'	4 JSPF	28 holes
4807-4817'	4 JSPF	40 holes
5304-5315'	4 JSPF	44 holes
5546-5556'	4 JSPF	40 holes
5600-5607'	4 JSPF	28 holes

NEWFIELD

State 2-16-9-16
497' FNL & 1982' FEL
NW/NE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33846; Lease #ML-16532

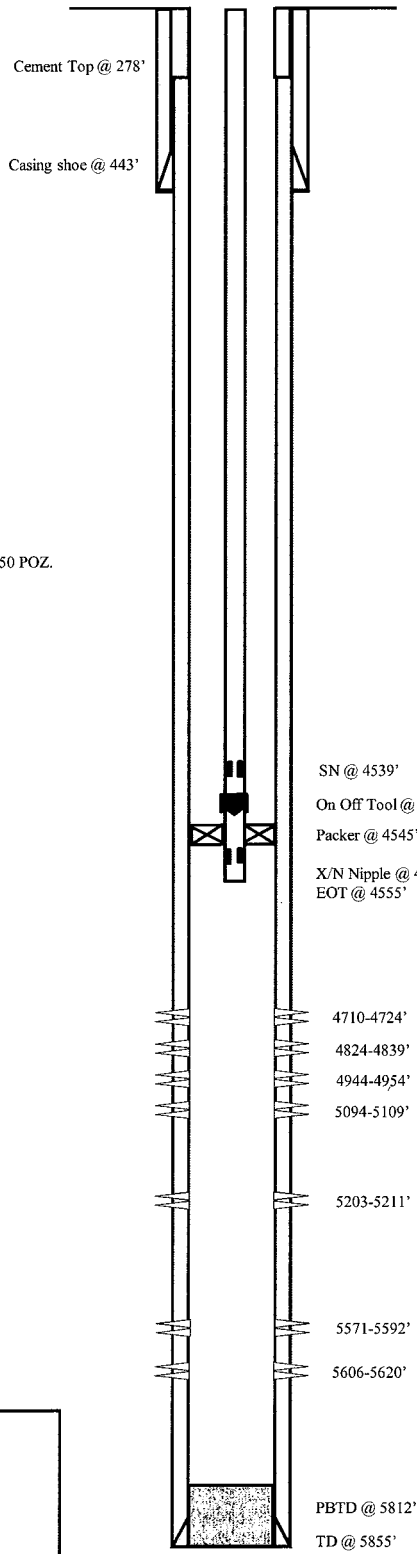
GI 5/30/12

ATTACHMENT E-1

State 3-16-9-16

Spud Date: 02-28-08
Put on Production: 05-13-08
GL: 5841' KB: 5853'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts
DEPTH LANDED: 443'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 209 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5855.97'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4526.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4538.9' KB
ON/OFF TOOL AT: 4540.0'
ARROW #1 PACKER CE AT: 4545'
XO 2-3/8 x 2-7/8 J-55 AT: 4548.8'
TBG PUP 2-3/8 J-55 AT: 4549.3'
X/N NIPPLE AT: 4553.4'
TOTAL STRING LENGTH: EOT @ 4555'

FRAC JOB

04-22-08	5571-5592'	**Frac CP1 sds as follows:** Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.
04-22-08	5203-5211'	**Frac LODC sds as follows:** Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.
04-22-08	5094-5109'	**Frac A1 sds as follows:** Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.
04-22-08	4944-4954'	**Frac B2 sds as follows:** Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi.Actual Flush: 4439 gals.
04-22-08	4824-4839'	**Frac C sds as follows:** Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.
04-22-08	4710-4724'	**Frac D2 sds as follows:** Frac w/37,944#' 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.
05/11/2012		**Updated Rod & Tubing detail.**
11/19/12		**Convert to Injection Well**
11/20/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4710-4724'	4 JSPF	56 holes
4824-4839'	4 JSPF	60 holes
4944-4954'	4 JSPF	40 holes
5094-5109'	4 JSPF	60 holes
5203-5211'	4 JSPF	32 holes
5571-5592'	4 JSPF	84 holes
5606-5620'	4 JSPF	56 holes

NEWFIELD

State 3-16-9-16
660' FNL & 1990' FWL
NE/NW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33847; Lease #Utah State ML-16532

LCN 11/27/12

Attachment E-2

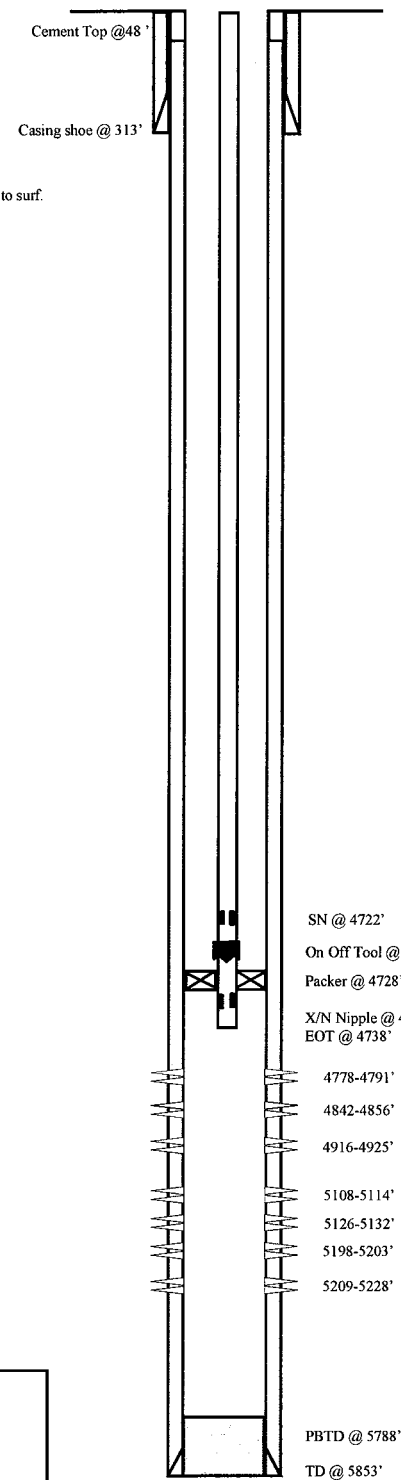
State 4-16-9-16

Spud Date: 4/1/08

Put on Production: 6/3/08

GL: 5881' KB: 5893'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts (300.96')

DEPTH LANDED: 312.81' KB

HOLE SIZE: 12-1/4"

CEMENT DATA:1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 158jts 5819.28

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5832.53'

CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 150 jts (4709.9')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4721.9' KB

ON/OFF TOOL AT: 4723'

ARROW #1 PACKER CE AT: 4727.62'

XO 2-3/8 x 2-7/8 J-55 AT: 4731.7'

TBG PUP 2-3/8 J-55 AT: 4732.2'

X/N NIPPLE AT: 4736.3'

TOTAL STRING LENGTH: EOT @ 4737.94'

FRAC JOB

05-28-08	**5209-5228'**	**Frac LODC sds as follows:** 200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi w/ ave rate of 27.3 BPM. ISIP 2322 psi. Actual Flush: 4683 gals.
05-28-08	**5108-5114'**	**Frac A1 & A3 sds as follows:** 120,424# 20/40 sand in 868 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1922 psi w/ ave rate of 27.0 BPM. ISIP 2220 psi. Actual Flush: 4616 gals.
05-28-08	**4916-4925'**	**Frac B1 sds as follows:** 54,952# 20/40 sand in 495 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1767 psi w/ ave rate of 23.4 BPM. ISIP 1705 psi. Actual Flush: 4406 gals.
05-28-08	**4842-4856'**	**Frac C sds as follows:** 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4330 gals.
05-28-08	**4778-4791'**	**Frac D3 sds as follows:** 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4679 gals.
3/28/09		**Pump Change**. Updated r & t details.
6/5/09		**Pump Change**. Updated rod & tubing details.
07/02/13		**Convert to Injection Well**
07/03/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4778-4791'	4 JSPF	52 holes
4842-4856'	4 JSPF	56 holes
4916-4925'	4 JSPF	36 holes
5108-5114'	4 JSPF	24 holes
5126-5132'	4 JSPF	24 holes
5198-5203'	4 JSPF	20 holes
5209-5228'	4 JSPF	76 holes

NEWFIELD

State 4-16-9-16

660' FNL & 815' FWL

NW/NW Section 16-T9S-R16E

Duchesne Co, Utah

API #43-013-33848; Lease #Utah State ML-16532

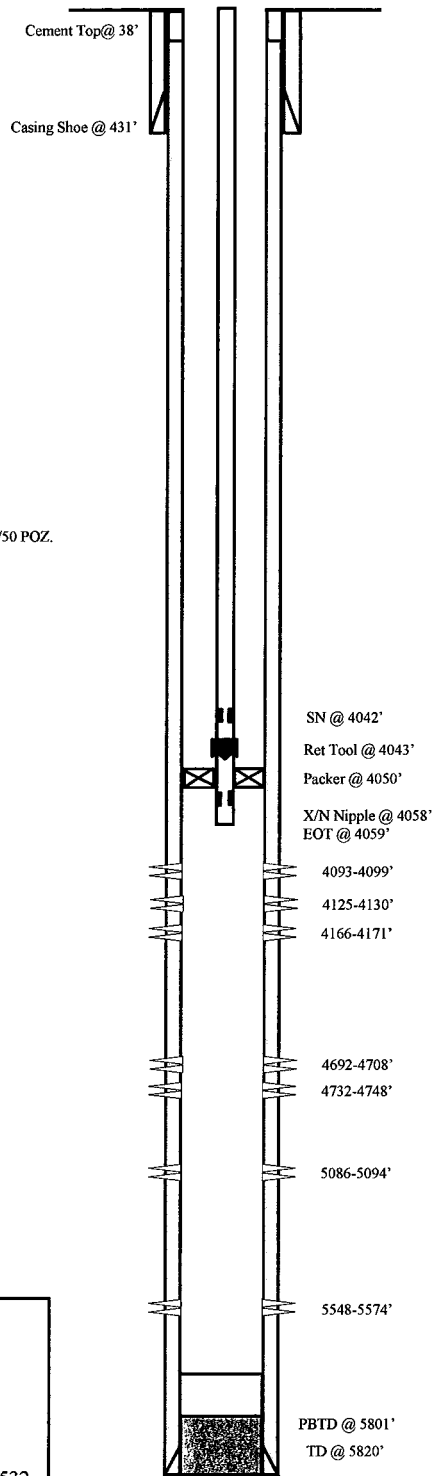
LCN 07/08/13

Attachment E-3

State 6-16-9-16

Spud Date: 03-03-08
Put on Production: 05-12-08
GL: 5876' KB: 5888'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts. (321.48')
DEPTH LANDED: 431'
HOLE SIZE: 12-1/4"
CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5809.35')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5822.6'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 133 jts (4030')
SEATING NIPPLE: 2-7/8" N-80 (1.10')
SN LANDED AT: 4042' KB
RET TOOL N-80 AT: 4043.1'
ARROW #1 PACKER CE AT: 4050.1'
XO 2-3/8 x 2-7/8 J-55 AT: 4053.1'
TBG PUP 2-3/8 J-55 AT: 4053.6'
X/N NIPPLE AT: 4057.7'
TOTAL STRING LENGTH: EOT @ 4059.27

FRAC JOB

4-29-08	**5548-5574'**	**Frac CP1 sands as follows:** Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.
4-29-08	**5086-5094'**	**Frac A1 sands as follows:** Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.
4-29-08	**4692-4748'**	**Frac D3 & D2 sands as follows:** Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.
4-29-08	**4093-4171'**	**Frac GB4 & GB6 sand as follows:** Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.
7/14/08		**Pump change**. Updated tubing and rod detail.
9/9/08		**Pump Change**. Updated rod &tubing details.
3/23/10		**Pump change**. Updated rod and tubing detail.
1/26/12		**Parted rods**. Updated rod and tubing detail.
07/18/13		**Convert to Injection Well**
07/18/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16
1847' FNL & 1974' FWL
SENW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33850; Lease # Utah State ML-16532

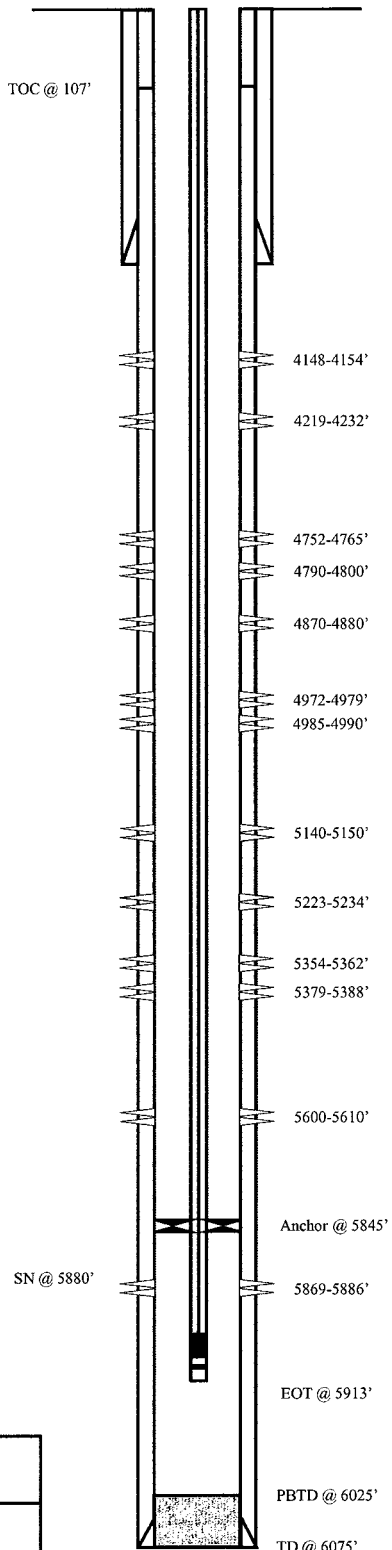
LCN 07/22/13

ATTACHMENT E-4

FEDERAL 14-9-9-16

Spud Date: 03/20/07
Put on Production: 05/15/07
GL: 5814' KB: 5826'

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (311.85')
DEPTH LANDED: 321.85'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts (6072.44')
DEPTH LANDED: 6070.44'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Premlite II & 450 sxs 50/50 POZ.
CEMENT TOP: 103' per CBL 4/18/07

TUBING (KS 11/28/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185jts (5833.4')
TUBING ANCHOR: 5845.4'
NO. OF JOINTS: 1jt (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5879.8'
NO. OF JOINTS: 1jt (31.6')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5913'

SUCKER RODS (KS 11/28/12)

POLISHED ROD: 26' x 1-1/2" Polished Rod
SUCKER RODS: 99 x 3/4" 4per Guided Rods, 111 x 3/4" Sucker Rods, 18 x 3/4" 4per Guided Rods, 6 x 1-½" Sinker Bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 3.9
PUMPING UNIT: AMERICAN C-228-246-86

FRAC JOB

05/07/07	5869-5886'	**Frac CP4 sands as follows:** 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	**Frac CP1 sands as follows:** 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	**Frac LODC sands as follows:** 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	**Frac A3 sands as follows:** 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	**Frac A1 sands as follows:** 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	**Frac B2 sands as follows:** 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	**Frac C sands as follows:** 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	**Frac D3 & D2 sands as follows:** 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	**Frac GB6 & GB4 sands as follows:** 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
0508//07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
0508//07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
0508//07	4219-4232'	4 JSPF	52 holes
0508//07	4148-4154'	4 JSPF	24 holes

NEWFIELD

FEDERAL 14-9-9-16

718'FSL & 1976' FWL
SE/SW Section 9-T9S-R16E
Duchesne Co, Utah
API #43-013-33053; Lease # UTU-79831

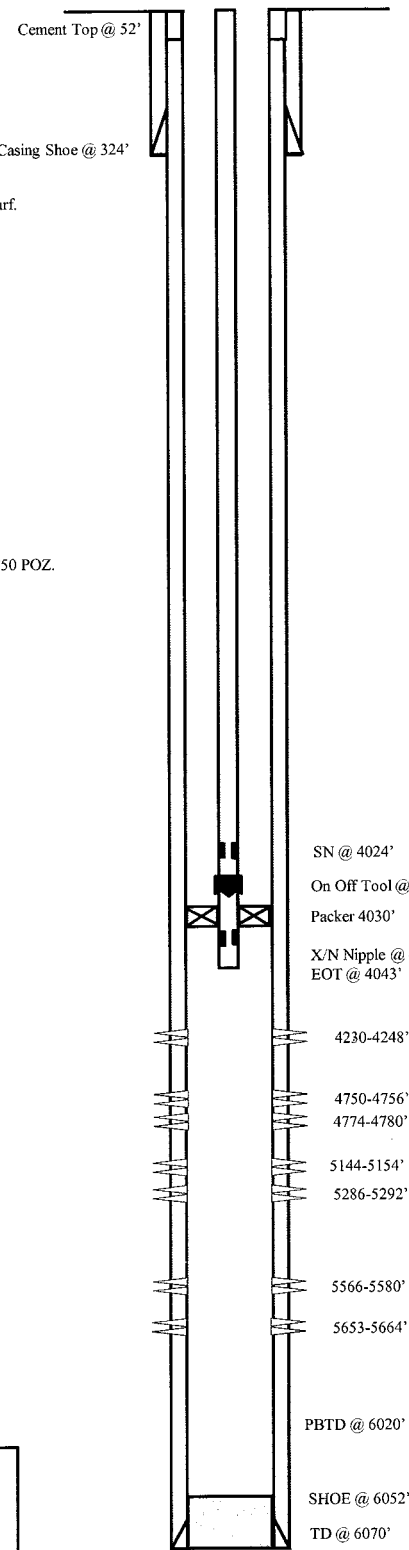
KS 11/28/12

ATTACHMENT E-5

FEDERAL 15-9-9-16

Spud Date: 03/27/07
Put on Production: 05/18/07
GL:5788' KB:5800'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.28')
DEPTH LANDED: 324.13' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6038.30')
DEPTH LANDED: 6051.55' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 52'

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 128 jts (4012.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4024.5'
ON/OFF TOOL AT: 4025.6'
ARROW #1 PACKER CE AT: 4030'
XO 2-3/8 x 2-7/8 J-55 AT: 4034.4'
TBG PUP 2-3/8 J-55 AT: 4034.9'
X/N NIPPLE AT: 4041.2'
TOTAL STRING LENGTH: EOT @ 4043'

FRAC JOB

05/09/07	5653-5664'	**Frac CP2 sands as follows:** 19973# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1977 psi w/avg rate of 24.7 BPM. ISIP 1722 psi. Calc flush: 5651 gal. Actual flush: 5166 gal.
05/14/07	5566-5580'	**Frac CP.5 sands as follows:** 45412# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1956 psi. Calc flush: 5564 gal. Actual flush: 5122 gal.
05/14/07	5286-5292'	**Frac LODC sands as follows:** 19538# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 2539 psi w/avg rate of 24.8 BPM. ISIP 2675 psi. Calc flush: 5284 gal. Actual flush: 4830 gal.
05/14/07	5144-5154'	**Frac A3 sands as follows:** 45178# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 1893 psi w/avg rate of 24.8 BPM. ISIP 2111 psi. Calc flush: 5142 gal. Actual flush: 4662 gal
05/14/07	4750-4780'	**Frac D2 sands as follows:** 60592# 20/40 sand in 489 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.8 BPM. ISIP 1847 psi. Calc flush: 4748 gal. Actual flush: 4284 gal
05/14/07	4230-4248'	**Frac GB6 sands as follows:** 92270# 20/40 sand in 664 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2175 psi. Calc flush: 4228 gal. Actual flush: 4116 gal
9-5-07		Pump Change.Updated rod & tubing details.
12-13-07		Pump Change. Updated rod & tubing details.
6/27/2011		Pump Change. Updated rod & tubing details
10/22/12	4058-4064'	**Frac GB2 sands as follows:** 24437# 20/40 sand in 272 bbls Lightning 17 frac fluid.
10/24/12		**Convert to Injection Well**
10/25/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

05/09/07	5653-5664'	4 JSPF	44 holes
05/14/07	5566-5580'	4 JSPF	56 holes
05/14/07	5286-5292'	4 JSPF	24 holes
05/14/07	5144-5154'	4 JSPF	40 holes
05/14/07	4774-4780'	4 JSPF	24 holes
05/14/07	4750-4756'	4 JSPF	24 holes
05/14/07	4230-4248'	4 JSPF	72 holes
10/20/12	4058-4064'	3 JSPF	18 holes

NEWFIELD

FEDERAL 15-9-9-16
731'FSL & 1804' FEL
SW/SE Section 9-T9S-R16E
Duchesne Co, Utah
API #43-013-33054; Lease # UTU-79831

LCN 10/30/12

 Attachment E-6

Castle Peak 32-16-9-16

Spud Date: 3/26/82

Put on Production: 9/8/82

GL: 5825' KB: 5835'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: K-55

WEIGHT: 24#

LENGTH: 6 jts (214' FC)

DEPTH LANDED: 255' Shoe

HOLE SIZE: 12-1/4"

CEMENT DATA: 200 sxs Class "G", circ 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 15 5#

LENGTH: 141 jts (5561' FC)

DEPTH LANDED: 5650' Shoe

HOLE SIZE: 7-7/8"

CEMENT DATA: 260 sx 50/50 poz,

CEMENT TOP: 4480' per CBL 8/5/82

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6 5#

NO. OF JOINTS: 149 jts (4625.3')

SEATING NIPPLE: 2-7/8" (1 10')

SN LANDED AT: 4637.3' KB

ON/OFF TOOL AT: 4638 4'

ARROW #1 PACKER CE AT: 4644'

XO 2-3/8 x 2-7/8 J-55 AT: 4647 9'

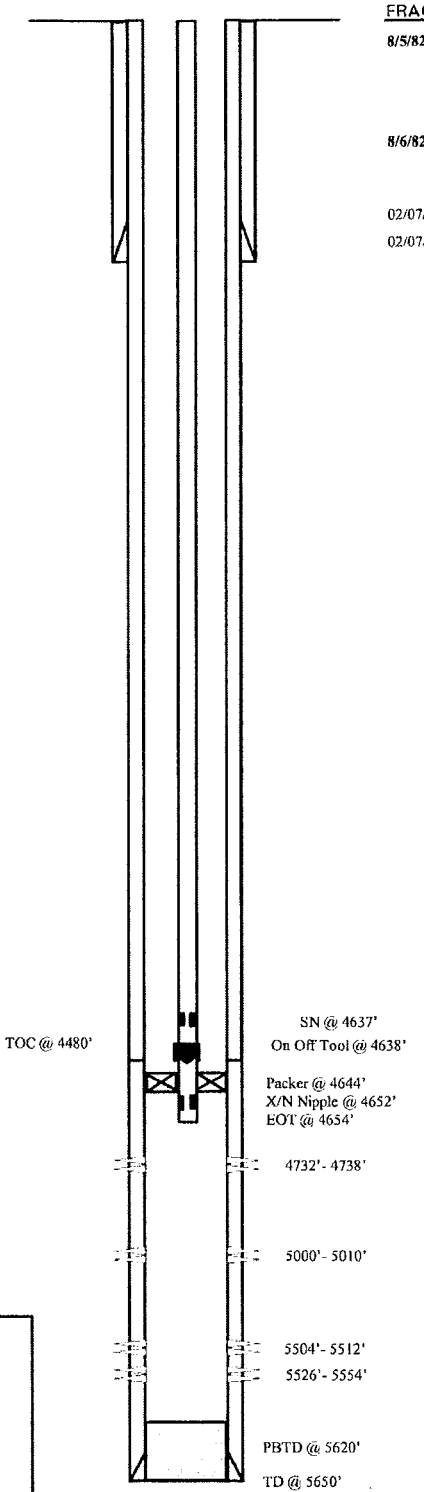
TBG PUP 2-3/8 J-55 AT: 4648 4'

X/N NIPPLE AT: 4652 5'

TOTAL STRING LENGTH: EOT @ 4654 14'

FRAC JOB

8/5/82	**5504-5512', 5526-5554'**	Acidized w/2000 gal. 15% HCl w/1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced w/42000 gal. VER-1400 gelled H20 w/62500# 20/40 sand & 10000# 10/20 sand.
8/6/82	**5000-5010',**	Fraced w/25000 gal. VER-1400 gelled H2O
	4732-4738'	w/28000# of 20/40 sand & 10000# of 10/20 sand
02/07/14		**Convert to Injection Well**
02/07/14		**Conversion MIT Finalized** – update tbg detail



PERFORATION RECORD

8/6/82	4732-4738'	2 JSPF	12 holes
8/6/82	5000-5010'	2 JSPF	20 holes
8/5/82	5504-5512'	2 JSPF	16 holes
8/5/82	5526-5554'	2 JSPF	28 holes

NEWFIELD

Castle Peak State 32-16-9-16
2009' FNL & 1838' FEL
SW/NE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30650; Lease #ML-16532

LCN 02/13/14

ATTACHMENT E-7

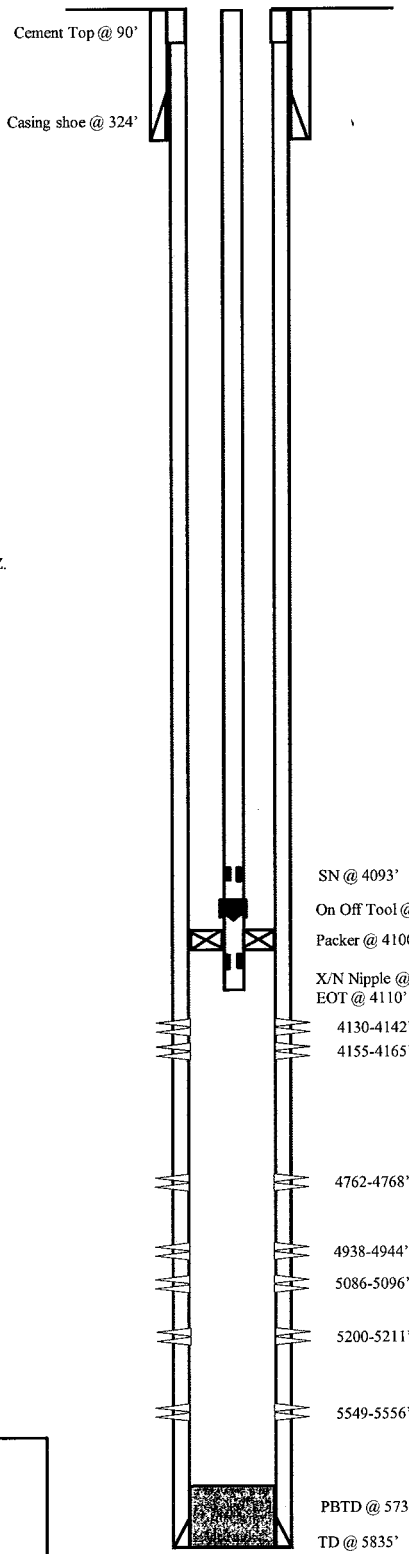
State 1-16-9-16

Spud Date: 3/29/08

Put on Production: 5/21/08

GL: 5776' KB: 5788'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts

DEPTH LANDED: 323.67

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152 jts

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5835'

CEMENT DATA: 300 sx Prem. Lite II & 425 sxs 50/50 POZ.

CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 130 jts (4081')

SEATING NIPPLE: 2-7/8" N-80 (1.10')

SN LANDED AT: 4093' KB

ON/OFF TOOL AT: 4094.1'

ARROW #1 PACKER CE AT: 4100.4'

XO 2-3/8 x 2-7/8 J-55 AT: 4104.1'

TBG PUP 2-3/8 J-55 AT: 4104.6'

X/N NIPPLE AT: 4108.7'

TOTAL STRING LENGTH: EOT @ 4110.27'

FRAC JOB

05-15-08	5549-5556'	**Frac CP1 sds as follows:** 19,592# 20/40 sand in 324 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2457 psi @ ave rate of 23.1 BPM. ISIP 1720 psi. Actual Flush: 5040 gals.
05-15-08	5200-5211'	**Frac LODC sds as follows:** 44,487# 20/40 sand in 448 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2174 psi @ ave rate of 23.4 BPM. ISIP 2560 psi. Actual Flush: 4696 gals.
05-15-08	5086-5096'	**Frac A1 sds as follows:** 45,335# 20/40 san in 439 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1987 psi @ ave rate of 23.3 BPM. ISIP 2240 psi. Actual Flush: 4578 gals
05-15-08	4938-4944'	**Frac B2 sds as follows:** 20,020# 20/40 san in 310 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1885 psi. Actual Flush: 4431 gals.
05-15-08	4762-4768'	**Frac D3 sds as follows:** 20,619# 20/40 san in 307 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1898 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2099 psi. Actual Flush: 4255 gals
05-15-08	4155-4165'	**Frac GB4 & GB6 sds as follows:** 91,335# 20/40 sand in 664 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1983 psi @ ave rate of 23.3 BPM. ISIP 1900 psi. Actual Flush: 4078 gals.
2/19/09		**Pump Change.** Updated r & t details.
9/17/09		**Tubing Leak.** Updated rod & tubing details.
11/19/09		**Pump Change.** Updated rod & tubing.
6/14/2010		**Tubing Leak.** Update rod and tubing details
03/25/11		**Pump Change.** Rod & tubing updated.
07/11/13		**Convert to Injection Well**
07/15/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4130-4142'	4 JSPF	48 holes
4155-4165'	4 JSPF	40 holes
4762-4768'	4 JSPF	24 holes
4938-4944'	4 JSPF	24 holes
5086-5096'	4 JSPF	40 holes
5200-5211'	4 JSPF	44 holes
5549-5556'	4 JSPF	28 holes

NEWFIELD

State 1-16-9-16

687' FNL & 831' FEL

NE/NE Section 16-T9S-R16E

Duchesne Co, Utah

API #43-013-33845; Lease #Utah State ML-16532

LCN 07/22/13

ATTACHMENT E-8

NEWFIELD

GMBU T-9-9-16

Greater Monument Butte - Duchesne County, Utah, USA

Surface Location: SW/SW - Sec 10, T9S, R16E; 571' FSL & 621' FWL

Elevation: 5743' GL + 10' KB

API#: 43-013-51148; Lease#: UTU-72107

Mickey Moulton

DLB 5/6/13

Spud Date: 10/5/12; PoP Date: 1/21/13

CASING DETAIL

Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	bbl/ft	Coupling	Hole
Surf	10'	320'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,422'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875

TBG. DETAIL

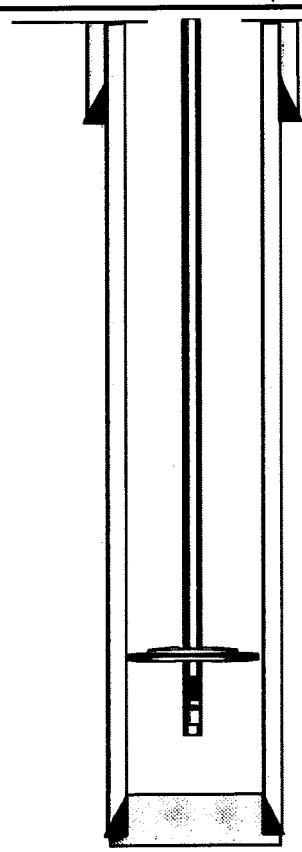
Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger
10'	5,512'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,416'

ROD DETAIL

Component	Top	Bottom	Size	Grade	Length	Count	Pump
4per Guided Rod		30'	1 1/4"	C(API)	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,440'
Pony Rod	30'	32'	7/8"	C(API)	2'	1	
Polish Rod	32'	40'	7/8"	C(API)	8'	1	
4per Guided Rod	40'	1,840'	7/8"	Tenaris D78	1,800'	72	
4per Guided Rod	1,840'	4,740'	3/4"	Tenaris D78	2,900'	116	
8per Guided Rod	4,740'	5,440'	3/4"	Tenaris D78	700'	28	

Frac Summary

Stage	Top	Bottom	SPF	EHD	Date				
4	4,274'	4,276'	3	0.34	1/8/2013	**Formation:**	GB-4		
	4,281'	4,283'	3	0.34	1/8/2013	**20/40 White:**	61,226 lbs	**15% HCl:**	0 gals
	4,289'	4,291'	3	0.34	1/8/2013	**Pad:**	1,789 gals	**Treating Fluid:**	13,563 gals
						Flush:	4,255 gals	**Load to Recover:**	19,607 gals
						ISIP=	0.902 psi/ft	**Max STP:**	2,287 psi
3	4,972'	4,973'	3	0.34	1/8/2013	**Formation:**	B-1 C-Sand		
	4,982'	4,984'	3	0.34	1/8/2013	**20/40 White:**	53,857 lbs	**15% HCl:**	504 gals
	5,071'	5,073'	3	0.34	1/8/2013	**Pad:**	1,865 gals	**Treating Fluid:**	12,697 gals
	5,081'	5,083'	3	0.34	1/8/2013	**Flush:**	4,969 gals	**Load to Recover:**	20,035 gals
						ISIP=	0.896 psi/ft	**Max STP:**	3,217 psi
2	5,130'	5,132'	3	0.34	1/8/2013	**Formation:**	A-3 B-3		
	5,260'	5,262'	3	0.34	1/8/2013	**20/40 White:**	74,900 lbs	**15% HCl:**	1,823 gals
	5,281'	5,282'	3	0.34	1/8/2013	**Pad:**	3,251 gals	**Treating Fluid:**	15,162 gals
	5,298'	5,300'	3	0.34	1/8/2013	**Flush:**	5,641 gals	**Load to Recover:**	25,877 gals
						ISIP=	0.900 psi/ft	**Max STP:**	2,886 psi
1	5,407'	5,409'	3	0.34	1/8/2013	**Formation:**	LODC		
	5,420'	5,422'	3	0.34	1/8/2013	**20/40 White:**	370,555 lbs	**15% HCl:**	714 gals
	5,436'	5,438'	3	0.34	1/8/2013	**Pad:**	4,070 gals	**Treating Fluid:**	9,549 gals
						Flush:	4,712 gals	**Load to Recover:**	18,835 gals
						ISIP=	N/A psi/ft	**Max STP:**	3,359 psi



8-5/8"Shoe @ 320'

EOT @ 5512'; TA @ 5416'

5-1/2"Shoe @ 6422'

PBTD @ 6398'

TVD @ 6269'

BHST = 190°F

MD @ 6425'

CEMENT

Surf	On 10/6/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5bbls to the pit.
Prod	On 10/17/2012 Baker pumped 470 sks lead @ 11 ppg w/ 3.53 yield plus 240 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 25bbls to the pit. TOC @ 1'.

ATTACHMENT E-9

S. Wells Draw #16-9-9-16

Spud Date: 5-4-98
Put on Production: 6-29-98
GL: 5757.4' KB: 5767.4'

Wellbore Diagram

Initial Production: 89 BOPD, 102 MCFD, 7 BWPD

SURFACE CASING

SIZE:	8 5/8"
GRADE:	J-55
WEIGHT:	24 #
LENGTH:	8 jts @ 292.44'
HOLE SIZE:	12 1/4"
DEPTH LANDED:	292.94'
CEMENT DATA:	120 sx Premium Plus, est 6 bbls cmt to surface

PRODUCTION CASING

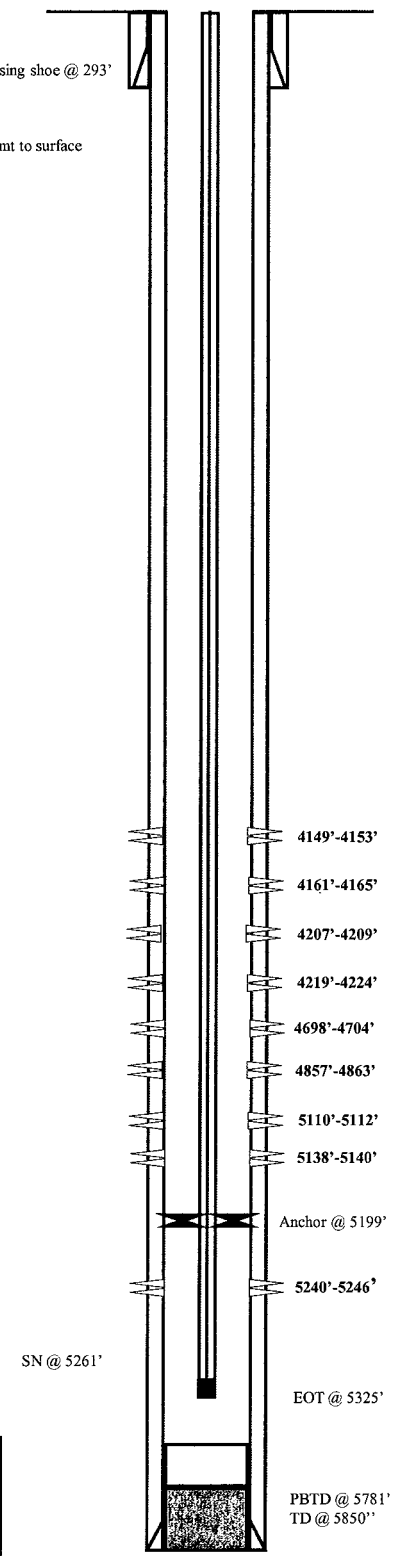
SIZE:	5 1/2"
GRADE:	J-55
WEIGHT:	15.5 #
LENGTH:	137 jts @ 5824'
HOLE SIZE:	7 7/8"
DEPTH LANDED:	5835'
CEMENT DATA:	360 sx 28:72 Poz & 375 sx Class G
CEMENT TOP AT:	surface

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", M-50
NO. OF JOINTS: 168 jts. (5199.0')
TUBING ANCHOR: 5199.0'
NO. OF JOINTS: 2 jts. (59.3')
SEATING NIPPLE: 2 7/8" (1.10")
SN LANDED AT: 5261.1'
NO. OF JOINTS: 2 jts (62.6')
TOTAL STRING LENGTH: EOT @ 5325'

SUCKER RODS

POLISHED ROD: 1 - 22' x 1 1/2"
SUCKER RODS: 1-6' x ¾" pony rod, 2- 8' x ¾" pony rods, 95- ¾" guided rods, 86- ¾" guided rods, 25- ¾"guided rods, 4- 1 ½" weight bars
PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 15' RHAC
STROKE LENGTH: 124"
PUMP SPEED, SPM: ?



FRAC JOB

6-19-98	**5110'-5246'**	**Frac A/LDC sand as follows:** 77,000# 20/40 sand in 467 bbls Viking. Perfs broke @ 3260 psi. ISIP-3740 psi, 5 min 3120 psi. Flowback on 12/64" ck for 3 hrs & died.
6-21-98	**4857'-4863**	**Frac C sand as follows:** 54,400# 20/40 sand in 260 bbls Viking. Perfs broke @ 2385 psi. Treated w/avg press of 2000 psi w/avg rate of 29 BPM. Screened out.
6-24-98	**4698'-4704'**	**Frac D sand as follows:** 104,000# 20/40 sand in 436 bbls Viking. Perfs broke @ 3520 psi. Treated w/avg press of 2310 psi w/avg rate of 25.4 BPM. ISIP-2310 psi, 5 min 2150 psi. Flowback on 12/64" ck for 4 hrs & died.
6-26-98	**4149'-4224'**	**Frac GB sand as follows:** 108,354# 20/40 sand in 646 bbls Viking. Perfs broke @ 2710 psi. Treated w/avg press of 1770 psi w/avg rate of 26 BPM. ISIP-2350 psi, 5 min 2050 psi. Flowback on12/64" ck for 4 hrs & died.
9/7/07		Tubing Leak. Updated rod & tubing details.
9/20/2010		Tubing leak. Updated rod and tubing detail.

PERFORATION RECORD

6-18-98	5110'-5112'	4 JSPF	8 holes
6-18-98	5138'-5140'	4 JSPF	8 holes
6-18-98	5240'-5246'	4 JSPF	8 holes
6-20-98	4857'-4863'	4 JSPF	8 holes
6-23-98	4698'-4704'	4 JSPF	24 holes
6-25-98	4149'-4153'	4 JSPF	16 holes
6-25-98	4161'-4165'	4 JSPF	16 holes
6-25-98	4207'-4209'	4 JSPF	8 holes
6-25-98	4219'-4224'	4 JSPF	20 holes

NEWFIELD

S. Wells Draw #16-9-9-16

696 FSL 744 FEL

SESE Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32044; Lease #U-40894

ML 9/21/2010

ATTACHMENT E-10

S. Wells Draw 13-10-9-16

Spud Date: 8/15/98
Put on Production: 9/16/98
GL: 5738' KB: 5748' (10' KB)

Initial Production: 12 BOPD, 86 MCFD, 2 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts.(294')

DEPTH LANDED: 304'KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sx Premium cmt & 45 sx Class "G", est 7 bbls to surf.

CEMENT TOP AT: Surface per CBL

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5834')

SET AT: 5843' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sx Premium modified mixed & 300 sx class "G"

CEMENT TOP AT: Surface per cement bond log(Schlumberger)

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

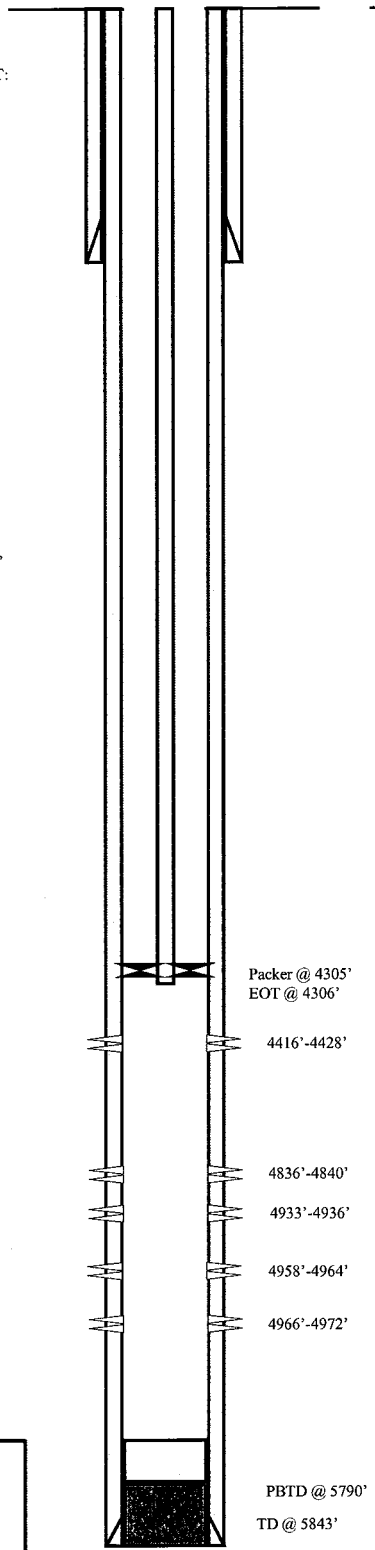
NO. OF JOINTS: 139 jts (4291.5')

SEATING NIPPLE: 2-7/8"

SN LANDED AT: 4301.5' KB

CE @ 4305.8'

TOTAL STRING LENGTH: EOT @ 4306' KB



FRAC JOB

9/11/98	**4836'-4972'**	**Frac B-1 & B-2 sand as follows:** 112,100# 20/40 sand in 548 bbls Viking I-25. Perfs broke @ 3118 psi @ 21 BPM. Treated w/avg press of 2080 psi w/avg rate of 30.4 BPM. ISIP-2300 psi, 5 min 2180 psi. Flowback on 12/64" ck for 3.5 hrs & died.
9/13/98	**4416'-4428'**	**Frac PB-10 sand as follows:** 8,220# 20/40 sand in 66 bbls Viking I-25 fluid. Perfs broke @ 3990 psi. Treated w/avg press of 2220 psi w/avg rate of 12.6 BPM. ISIP-1600 psi, 5 min 1485 psi. Flowback on 12/64" ck for 1 hr & died.
04/06/12		**Convert to Injection Well**
04/10/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

9/9/98	4836'-4840'	4 JSPF	16 holes
9/9/98	4933'-4936'	4 JSPF	12 holes
9/9/98	4958'-4964'	4 JSPF	24 holes
9/9/98	4966'-4972'	4 JSPF	24 holes
9/9/98	4416'-4428'	4 JSPF	48 holes

NEWFIELD

S. Wells Draw 13-10-9-16
610 FSL 632 FWL
SWSW Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-32047; Lease #UTU-72107

LCN 04/12/12

GMB 3-16-9-16H Wellbore Diagram

NEWFIELD ROCKY MOUNTAINS

Surface Location: NE/NW, Sec 16, T9S R16E
County/State: Greater Monument Butte, Duchesne County, Utah
Elevation: 5847' GL + 12' KB API: 43-013-50441

Wellhead

8-5/8" Casing Shoe 1,025

Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbl/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4.892	4.767	0.0233	7-7/8"	Port Collar: 5,654'md to Surface
Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4.000	3.875	0.0155	6-1/8"	

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints

TBG DETAIL:
sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger.
TA @5,870'. SN @ 5,903'. EOT @ 6,052'
NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs –4.625" OD)

WELLBORE FLUIDS
Lateral section fluid= +-8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom

Pump and Rod Detail:
Weatherford MacGyver 1 3/4" x 28' rod pump, staballizer sub, on/off tool, staballizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod

NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.

Proposed Frac Data	Top	Bottom	Packers Plus 12 Stage StackFrac HD Stimulation Liner	Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1.000" Seat for 1.250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD			
Stage 1	10,087	10,249	Dual Hydraulic Frac Ports: Depth 10,160; Ball OD (in.) NA; Seat ID (in.) NA; Vol. to Seat (bbl) 204.33; Actual Vol. (bbl) NA; Difference (bbl); Ball Action (ΔP)	100 mesh sand 30/50 mesh sand	0 0	1,903
OH Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	34,144 30,780	2,342
Stage 2	9,682	10,002	FracPort 2: Depth 9,841; Ball OD (in.) 2.125; Seat ID (in.) 2.000; Vol. to Seat (bbl) 199.39; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	36,389 18,635	2,775
Stage 3	9,914	9,677	FracPort 3: Depth 9,517; Ball OD (in.) 2.250; Seat ID (in.) 2.125; Vol. to Seat (bbl) 194.37; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 3	9,364	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	7,548 0	2,716
Stage 4	9,036	9,354	FracPort 4: Depth 9,193; Ball OD (in.) 2.375; Seat ID (in.) 2.250; Vol. to Seat (bbl) 189.36; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	28,177 36,211	4,118
Stage 5	8,710	9,030	FracPort 5: Depth 8,969; Ball OD (in.) 2.500; Seat ID (in.) 2.375; Vol. to Seat (bbl) 184.35; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	37,277 36,581	3,907
Stage 6	8,386	8,705	FracPort 6: Depth 8,544; Ball OD (in.) 2.625; Seat ID (in.) 2.500; Vol. to Seat (bbl) 179.32; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	32,229 21,643	2,784
Stage 7	8,066	8,381	FracPort 7: Depth 8,220; Ball OD (in.) 2.750; Seat ID (in.) 2.625; Vol. to Seat (bbl) 174.30; Actual Vol. (bbl); Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	35,076 30,420	3,706
Stage 8	7,743	8,061	FracPort 8: Depth 7,901; Ball OD (in.) 2.875; Seat ID (in.) 2.750; Vol. to Seat (bbl) 169.37; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	30,308 14,314	2,777
Stage 9	7,418	7,738	FracPort 9: Depth 7,577; Ball OD (in.) 3.000; Seat ID (in.) 2.875; Vol. to Seat (bbl) 164.35; Actual Vol. (bbl); Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	25,505 3,467	1,869
Stage 10	6,768	7,413	FracPort 10: Depth 7,252; Ball OD (in.) 3.125; Seat ID (in.) 3.000; Vol. to Seat (bbl) 159.32; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 10	7,088	7,083	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	37,884 36,849	2,804
Stage 11	6,768	7,088	FracPort 11: Depth 6,927; Ball OD (in.) 3.250; Seat ID (in.) 3.125; Vol. to Seat (bbl) 169.37; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand 30/50 mesh sand	31,284 21,198	2,755
Stage 12	6,445	6,763	FracPort 11: Depth 6,601; Ball OD (in.) 3.375; Seat ID (in.) 3.250; Vol. to Seat (bbl) 154.29; Actual Vol. (bbl) 0.00; Difference (bbl); Ball Action (ΔP)			
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)			Total Fluid
OH Anchor/Packer	6,451	6,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,048psi)			34,456
RockseaI II Packer	6,372	6,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,048psi)			(bbl)

Lat Length		3,804
Total Stim. Lateral		3,804
Avg. Stage Length	317	*between packers

Sand Total	100 mesh sand	335,921
580,309	30/50 mesh sand	244,388
	# sand per foot of lateral	153

WFD port Collar 5,355

KOP 5,400

OH Anchor/Packer 5,451

OH Anchor/Packer 5,372

5.5"x4.5" xo 6,993

12 11 10 9 8 7 6 5 4 3 2 1

MD TD 10,259
TVD TD 6,011

Packers Plus

Company: Newfield Exploration
Well #: GMB 3-16-9-16H

FINAL COMPLETION

Liner Length: 10,249'
Liner: 5-1/2" 17# / 4-1/2" 11.6# M/N80 LTC
Top Packer: 9-5/8" x 5-1/2" RockSeal II / IIS
Set @ 5,372'

Casing	Start	End	FTG
8-5/8" 24# J55 LTC	0'	1,025'	1,025'
Liner	**Start**	**End**	**FTG**
5-1/2" 17# M80	0'	5,993'	5,993'
4-1/2" 11.6# N80	5,993'	10,249'	4,256'

RockSeal Packers @

ANCH	10,080'	PKR 8	7,738'
PKR 1	10,002'	PKR 9	7,413'
PKR 2	9,677'	PKR 10	7,088'
PKR 3	9,354'	PKR 11	6,763'
PKR 4	9,030'	PKR 12	6,438'
PKR 5	8,705'		
PKR 6	8,381'	ANCH	5,451'
PKR 7	8,061'	PKR 13	5,372'

Marker Joint 4,743'

KOP @ 5,400'

Port Collar 5,355'

Top Packer @ 5,372'

5-1/2"x4-1/2" Crossover @ 5,993'

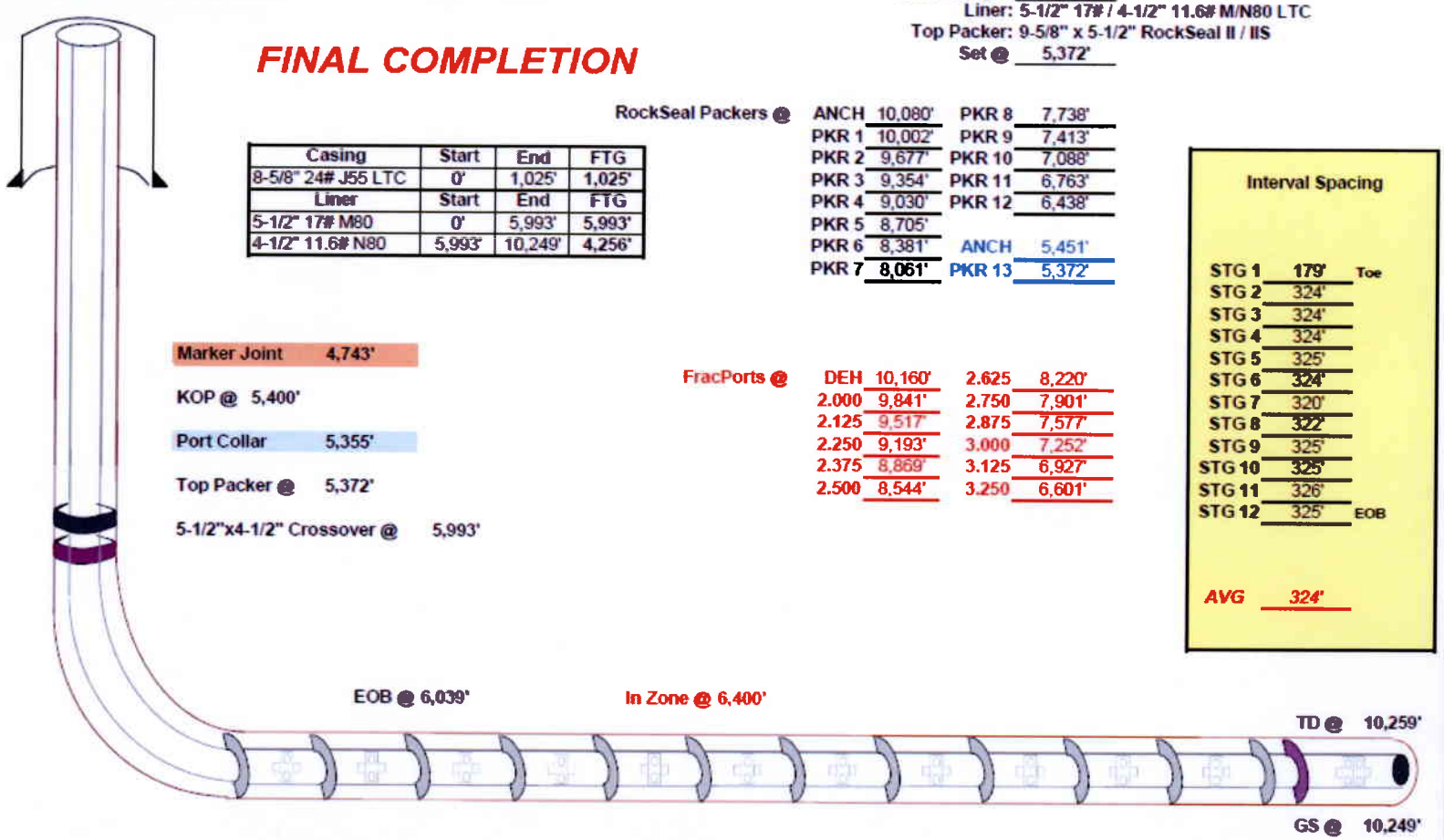
FracPorts @

DEH	10,160'	2.625	8,220'
2.000	9,841'	2.750	7,901'
2.125	9,517'	2.875	7,577'
2.250	9,193'	3.000	7,252'
2.375	8,869'	3.125	6,927'
2.500	8,544'	3.250	6,601'

Interval Spacing

STG 1	179'	Toe
STG 2	324'	
STG 3	324'	
STG 4	324'	
STG 5	325'	
STG 6	324'	
STG 7	320'	
STG 8	322'	
STG 9	325'	
STG 10	325'	
STG 11	326'	
STG 12	325'	EOB

AVG 324'



NEWFIELD

Schematic

43-013-51448

Well Name: GMBU G-16-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNW 2081 FNL 759 FWL Sec 16 T9S R16E	43013514480000	500343049	ML-16532	Utah	GMBU CTB3	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
11/5/2013	11/23/2013		5,931	5,921	Original Hole - 6,140.5	Original Hole - 6,284.4

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	12/17/2013	12/27/2013

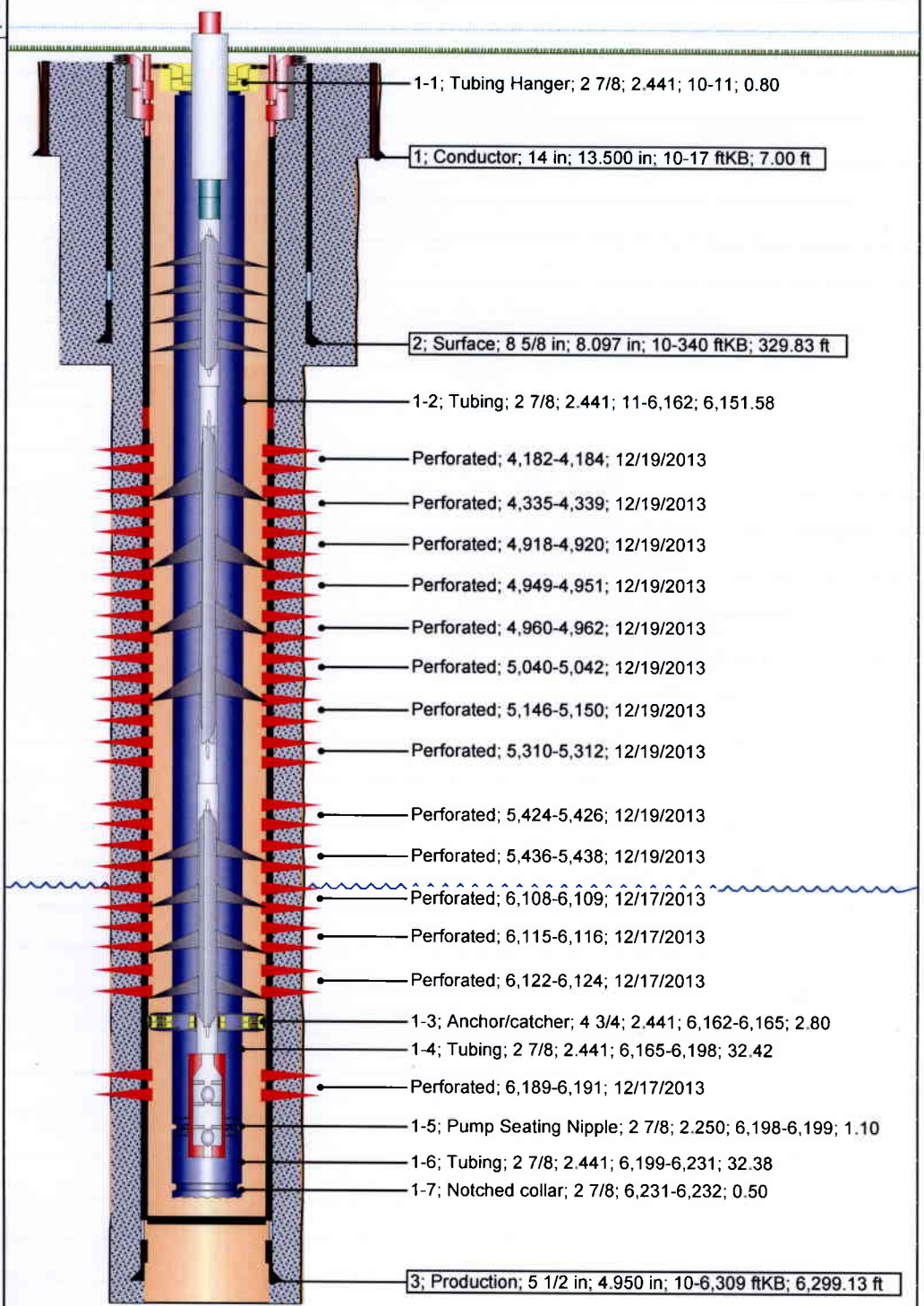
TD: 6,318.0

Slant - Original Hole, 1/29/2014 10:38:48 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
0.0	0.4	3.2
10.2	10.6	3.2
12.1	12.5	3.2
17.1	17.5	3.2
32.2	32.5	3.2
49.5	49.9	3.2
302.2	302.1	3.2
338.3	338.1	3.2
345.1	345.0	3.2
3,564.3	3,480.5	14.7
4,182.1	4,078.6	15.4
4,335.0	4,226.4	14.2
4,918.0	4,788.6	15.9
4,949.1	4,818.5	15.8
4,960.0	4,829.0	15.7
5,040.0	4,906.2	14.8
5,146.0	5,009.0	13.3
5,310.0	5,168.7	13.5
5,336.0	5,193.8	13.8
5,425.9	5,280.9	15.1
5,438.0	5,292.7	15.1
6,108.9	5,940.0	15.6
6,116.1	5,947.0	15.8
6,124.0	5,954.5	15.9
6,165.4	5,994.2	16.4
6,189.0	6,016.9	16.6
6,197.5	6,025.1	16.7
6,210.0	6,037.0	16.7
6,231.6	6,057.7	16.9
6,286.1	6,109.9	16.6
6,309.1	6,131.9	16.6

DLS (°...
0 — 4

Vertical schematic (actual)



NEWFIELD

Schematic

Well Name: GMBU B-16-9-16

43-013-51685

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SESE 718 FSL 752 FEL Sec 9 T9S R16E Mer SLB	43013516850000	500346804	UTU40894	Utah	GMBU CTB5	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
12/18/2013	1/2/2014		5,771	5,761	Original Hole - 6,085.4	Original Hole - 6,171.0

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Other Stimulation	P&P	1/21/2014	1/28/2014

TD: 6,226.0

Slant - Original Hole, 2/28/2014 6:22:56 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
9.8	9.8	0.1
10.8	10.8	0.1
14.1	14.1	0.1
25.9	25.9	0.1
32.2	32.1	0.2
280.5	280.4	1.6
327.1	327.0	1.8
1,907.2	1,889.9	13.1
3,648.0	3,575.7	13.9
4,210.0	4,122.6	13.3
4,220.1	4,132.5	13.3
4,418.0	4,325.4	12.1
4,497.0	4,402.7	12.4
4,768.0	4,667.4	12.6
4,818.9	4,717.0	12.9
4,828.1	4,725.9	13.0
4,940.0	4,834.8	13.7
4,945.9	4,840.6	13.8
5,066.9	4,958.1	14.0
5,070.9	4,961.9	14.0
5,203.1	5,090.5	12.9
5,225.1	5,111.9	13.0
5,232.0	5,118.6	13.0
5,239.5	5,126.0	13.0
5,272.0	5,157.7	13.0
5,293.0	5,178.1	12.8
5,358.3	5,241.8	12.8
6,172.9	6,033.3	11.2
6,217.8	6,077.4	10.8

DLS (°...
0 — 3

Vertical schematic (actual)

1-1; Tubing Hanger; 7; 2.441; 10-11; 0.80

1; Conductor; 14 in; 13.500 in; 10-15 ftKB; 5.00 ft

2; Surface; 8 5/8 in; 8.097 in; 10-327 ftKB; 317.00 ft

1-2; Tubing; 2 7/8; 2.441; 11-5,203; 5,192.37

Perforated; 4,207-4,210; 1/22/2014

Perforated; 4,218-4,220; 1/22/2014

Perforated; 4,416-4,418; 1/22/2014

Perforated; 4,497-4,501; 1/22/2014

Perforated; 4,768-4,769; 1/22/2014

Perforated; 4,819-4,820; 1/22/2014

Perforated; 4,828-4,829; 1/22/2014

Perforated; 4,940-4,942; 1/22/2014

Perforated; 4,946-4,948; 1/22/2014

Perforated; 5,067-5,068; 1/21/2014

Perforated; 5,071-5,072; 1/21/2014

1-3; Anchor/catcher; 2 7/8; 2.441; 5,203-5,206; 2.80

1-4; Tubing; 2 7/8; 2.441; 5,206-5,238; 32.38

Perforated; 5,225-5,228; 1/21/2014

1-5; Pump Seating Nipple; 2 7/8; 2.250; 5,238-5,239; 1.10

1-6; Tubing; 2 7/8; 2.441; 5,239-5,272; 32.38

1-7; Tubing; 2 7/8; 2.441; 5,272-5,276; 4.11

1-8; Desander; 3 1/2; 5,276-5,293; 17.13

1-9; Tubing; 2 7/8; 2.441; 5,293-5,358; 64.50

1-10; Valve; 2 7/8; 5,358-5,358; 0.70

3; Production; 5 1/2 in; 4.950 in; 10-6,218 ftKB; 6,208.00 ft

NEWFIELD

Schematic

Well Name: GMBU S-9-9-16

43-013-51692

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
SESE 738 FSL 759 FEL Sec 9 T9S R16E Mer SLB	43013516920000	500334459	UTU40894	Utah	GMBU CTB5	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
12/18/2013	1/7/2014		5,771	5,761	Original Hole - 6,186.1	Original Hole - 6,266.7

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	1/21/2014	1/31/2014

TD: 6,301.0

Slant - Original Hole, 2/28/2014 6:22:06 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
39	40	1.4
	99	
108	108	1.4
	122	
138	138	1.4
	151	
299	299	1.4
	322	
278.9	278.8	1.5
	279.8	
324.5	324.4	1.5
	326.0	
331.0	331.0	1.5
	2,377.4	
3,509.2	3,448.4	13.5
	3,459.3	
4,315.0	4,237.7	10.7
	4,241.6	
4,438.0	4,358.4	11.8
	4,362.2	
4,784.1	4,696.6	12.5
	4,698.5	
4,799.9	4,712.0	12.6
	4,712.9	
4,828.1	4,739.5	12.7
	4,741.4	
4,903.9	4,813.5	11.9
	4,817.7	
5,006.9	4,914.5	11.1
	4,991.1	
5,086.0	4,992.0	11.6
	5,149.8	
5,249.0	5,151.8	12.0
	5,154.6	
5,253.0	5,155.6	12.1
	5,252.6	
5,355.0	5,255.5	11.7
	5,660.2	
5,770.0	5,662.1	12.3
	5,662.8	
5,777.9	5,669.8	12.4
	5,674.0	
5,802.8	5,694.2	12.4
	5,695.4	
5,807.1	5,698.3	12.3
	5,721.7	
5,836.6	5,727.2	12.1
	5,731.0	
5,857.6	5,747.7	11.6
	5,811.5	
5,923.2	5,812.1	10.7
	6,152.0	
6,268.4	6,153.6	5.5
	6,175.2	
6,291.0	6,176.2	5.2
	6,186.0	

DLS (°...) 0 — 4

Vertical schematic (actual)

1-1; Tubing Hanger; 7; 2.441; 10-11; 0.80

1; Conductor ; 14 in; 13.500 in; 10.5 ftKB; 5.00 ft

2; Surface; 8 5/8 in; 8.097 in; 10-326 ftKB; 316.00 ft

1-2; Tubing; 2 7/8; 2.441; 11-5,768; 5,757.20

Perforated; 4,315-4,319; 1/23/2014

Perforated; 4,438-4,442; 1/23/2014

Perforated; 4,784-4,786; 1/23/2014

Perforated; 4,800-4,801; 1/23/2014

Perforated; 4,828-4,830; 1/23/2014

Perforated; 4,904-4,908; 1/23/2014

Perforated; 5,085-5,086; 1/23/2014

Perforated; 5,247-5,249; 1/23/2014

Perforated; 5,252-5,253; 1/23/2014

Perforated; 5,352-5,355; 1/23/2014

Perforated; 5,768-5,770; 1/21/2014

1-3; Anchor/catcher; 2 7/8; 2.441; 5,768-5,771; 2.80

Perforated; 5,778-5,782; 1/21/2014

1-4; Tubing; 2 7/8; 2.441; 5,771-5,803; 32.21

1-5; Pump Seating Nipple; 2 7/8; 2.250; 5,803-5,804; 1.10

1-6; Tubing; 2 7/8; 2.441; 5,804-5,836; 32.40

1-7; Tubing; 2 7/8; 2.441; 5,836-5,841; 4.09

1-8; Desander; 3 1/2; 5,841-5,858; 17.21

1-9; Tubing; 2 7/8; 2.441; 5,858-5,922; 64.73

1-10; Valve; 2 7/8; 5,922-5,923; 0.70

3; Production; 5 1/2 in; 4.950 in; 10-6,291 ftKB; 6,281.14 ft

Multi-Chem Analytical Laboratory
1553 East Highway 40
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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **STATE 2-16-9-16**
Sample Point: **Treater**
Sample Date: **7/17/2013**
Sample ID: **WA-248308**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	7/24/2013
System Temperature 1 (°F):	120
System Pressure 1 (psig):	60
System Temperature 2 (°F):	210
System Pressure 2 (psig):	60
Calculated Density (g/ml):	1.006
pH:	8.70
Calculated TDS (mg/L):	12357.92
CO2 in Gas (%):	
Dissolved CO2 (mg/L)):	0.00
H2S in Gas (%):	
H2S in Water (mg/L):	5.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	4413.17	Chloride (Cl):	6000.00
Potassium (K):	55.00	Sulfate (SO_4):	48.00
Magnesium (Mg):	16.00	Bicarbonate (HCO_3):	1708.00
Calcium (Ca):	50.00	Carbonate (CO_3):	
Strontium (Sr):	11.00	Acetic Acid (CH_3COO)	
Barium (Ba):	47.00	Propionic Acid (C_2H_5COO)	
Iron (Fe):	3.00	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.04	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.20	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.09	Silica (SiO_2):	6.42

Notes:
B=8

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	2.19	43.16	1.32	24.66	3.29	1.65	3.01	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.16	0.02
200.00	60.00	2.14	43.08	1.34	24.75	3.27	1.65	2.97	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.02
190.00	60.00	2.09	42.99	1.36	24.87	3.27	1.65	2.92	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.34	0.02
180.00	60.00	2.05	42.89	1.38	25.00	3.26	1.65	2.87	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.02
170.00	60.00	2.01	42.79	1.41	25.16	3.26	1.65	2.82	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.54	0.02
160.00	60.00	1.96	42.67	1.44	25.33	3.27	1.65	2.77	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.65	0.02
150.00	60.00	1.92	42.56	1.48	25.52	3.29	1.65	2.72	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.77	0.02
140.00	60.00	1.89	42.44	1.52	25.73	3.31	1.65	2.66	2.18	0.00	0.00	0.00	0.00	0.00	0.00	8.90	0.02
130.00	60.00	1.85	42.31	1.57	25.94	3.34	1.65	2.61	2.18	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.02
120.00	60.00	1.82	42.18	1.63	26.16	3.37	1.65	2.55	2.18	0.00	0.00	0.00	0.00	0.00	0.00	9.18	0.02

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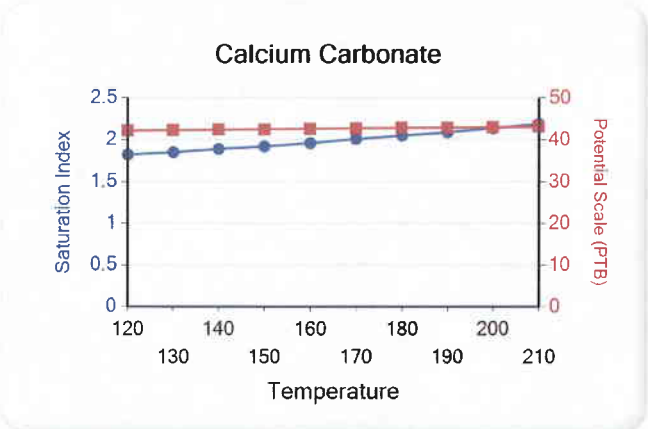
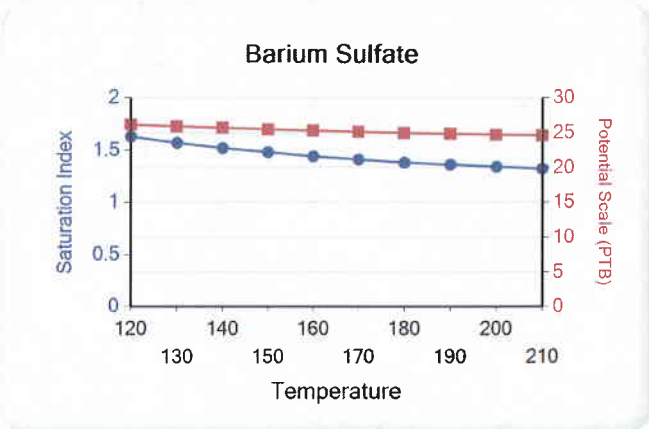
Water Analysis Report

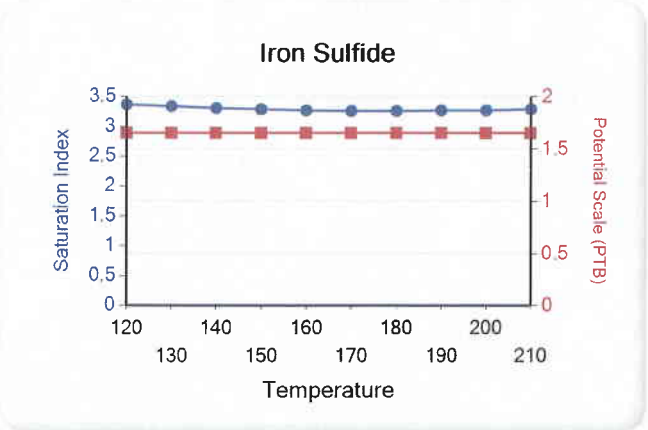
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.02	9.93	0.08	6.80	7.78	3.28	3.97	11.28	2.33
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	0.02	10.08	0.08	6.41	7.78	3.06	3.94	11.02	2.33
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.02	10.24	0.08	6.02	7.77	2.83	3.91	10.75	2.33
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.02	10.41	0.08	5.62	7.76	2.60	3.86	10.47	2.33
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.02	10.59	0.08	5.22	7.75	2.38	3.80	10.20	2.33
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.02	10.79	0.08	4.81	7.73	2.15	3.71	9.93	2.33
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.02	10.99	0.08	4.39	7.69	1.91	3.60	9.65	2.33
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.02	11.21	0.08	3.98	7.63	1.68	3.46	9.38	2.33
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.02	11.44	0.08	3.56	7.53	1.45	3.27	9.12	2.33
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.01	11.69	0.08	3.14	7.37	1.22	3.04	8.86	2.33

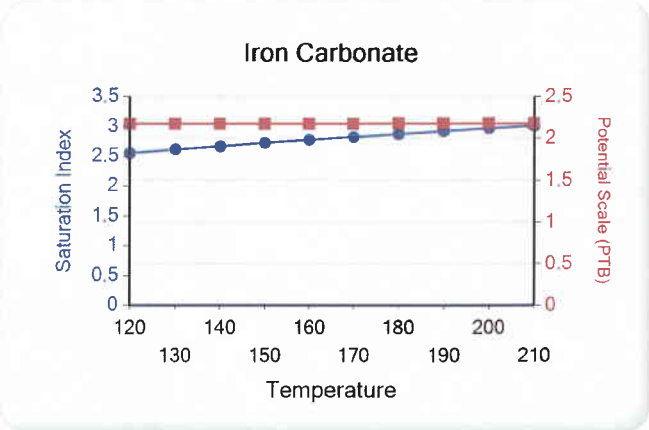
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate









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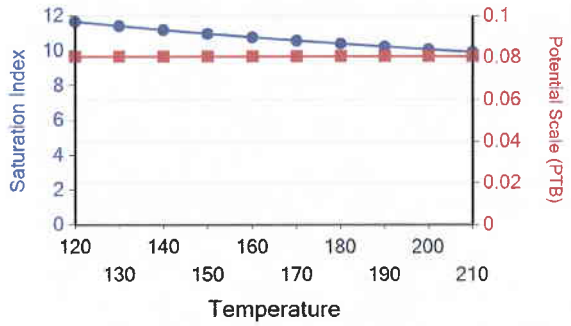
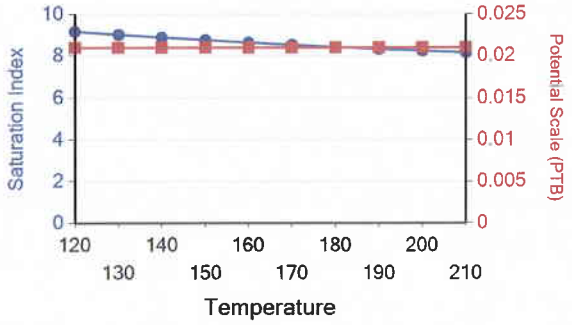
Water Analysis Report

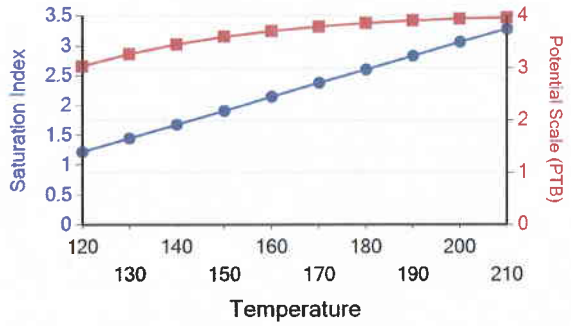
Lead Sulfide



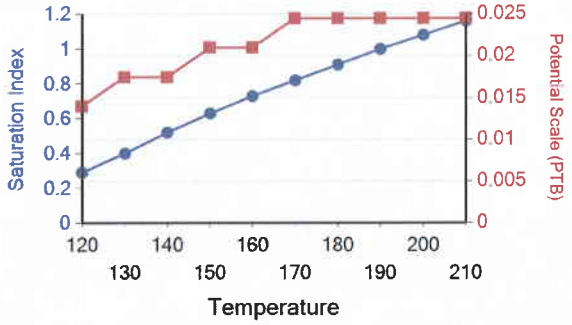
Zinc Sulfide



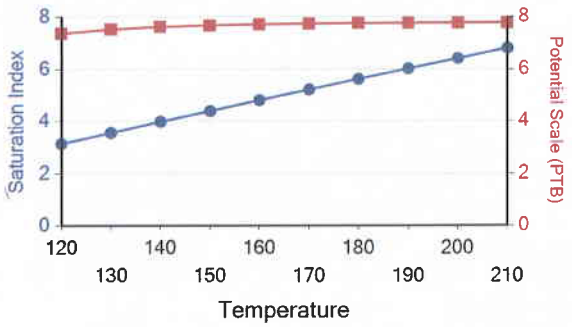
Ca Mg Silicate



Zinc Carbonate



Mg Silicate



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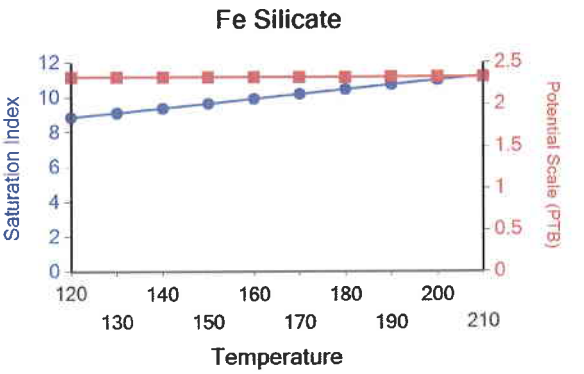
Water Analysis Report



ATTACHMENT F

5 of 6

Multi-Chem Analytical Laboratory
1553 East Highway 40
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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After Filter**
Sample Date: **12/4/2012**
Sample ID: **WA-229142**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	12/5/2012
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	0.999
pH:	6.80
Calculated TDS (mg/L):	2304.49
CO2 in Gas (%):	
Dissolved CO_2 (mg/L):	15.00
H_2S in Gas (%):	
H2S in Water (mg/L):	2.50

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	734.93	Chloride (Cl):	1000.00
Potassium (K):	11.00	Sulfate (SO_4):	120.00
Magnesium (Mg):	26.00	Bicarbonate (HCO_3):	366.00
Calcium (Ca):	46.20	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	0.17	Propionic Acid (C_2H_5COO)	
Iron (Fe):	0.13	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.02	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.04	Silica (SiO_2):	

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum $CaSO_4 \cdot 2H_2O$		Celestite $SrSO_4$		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

ATTACHMENT F

Multi-Chem Analytical Laboratory
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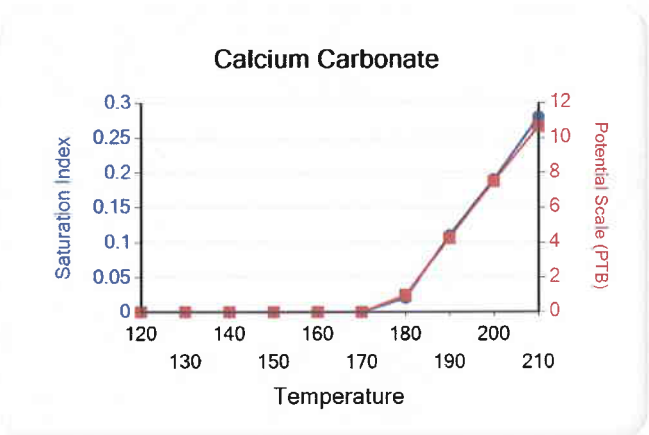
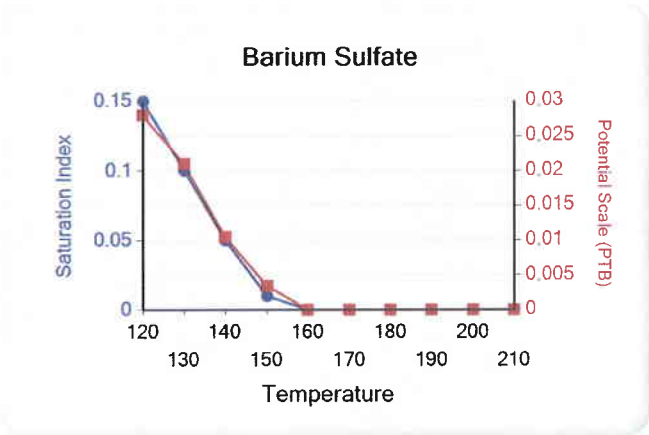
Water Analysis Report

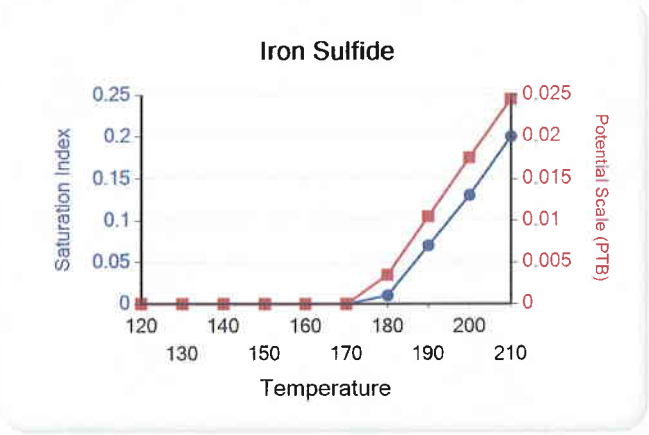
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

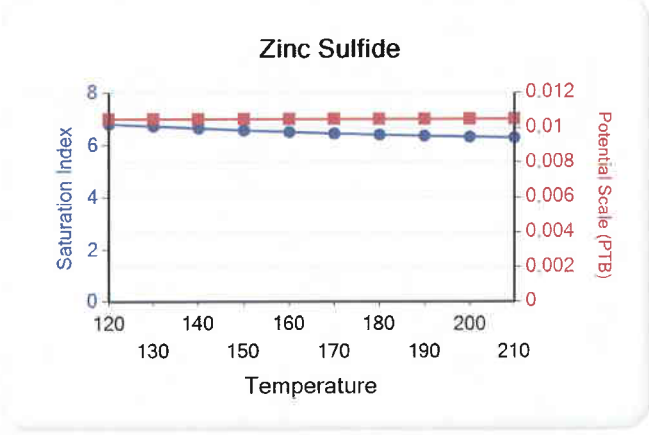
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide









Attachment "G"

State #2-16-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5546	5556	5551	1642	0.73	1606 ←
4304	5315	4810	2797	1.08	2769
4807	4817	4812	2256	0.90	2225
4718	4725	4722	2000	0.86	1969
				Minimum	1606

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

Format For Sundry

STATE 2-16-9-16

3/1/2008 To 7/30/2008

5/16/2008 Day: 1 **Completion**

Rigless on 5/15/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5735' & cement top @ 54'. Perforate stage #1, CP1 sds @ 5600-07' & 5546-56' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 68 shots. 138 BWTR. SWIFN.

5/22/2008 Day: 2 **Completion**

Rigless on 5/21/2008 - Stage #1, CP1 sands. RU BJ Services. 0 psi on well. Frac CP1 sds w/ 15,030#'s of 20/40 sand in 274 bbls of Lightning 17 fluid. Broke @ 2435 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1971 psi @ ave rate of 26.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1642 psi. Leave pressure on well. 412 BWTR Stage #2, LODC sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' perf gun. Set plug @ 5400'. Perforate LODC sds @ 5304-15' w/ 3-1/8" Slick Guns w/ 4 spf for total of 44 shots. RU BJ Services. 1281 psi on well. Frac LODC sds w/ 20,640#'s of 20/40 sand in 313 bbls of Lightning 17 fluid. Broke @ 3458 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2797 psi. Leave pressure on well. 725 BWTR Stage #3, C sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4910'. Perforate C sds @ 4807-17' w/ 3-1/8" Slick Guns w/ 4 spf for total of 40 shots. RU BJ Services. 1975 psi on well. Frac C sds w/ 24,830#'s of 20/40 sand in 339 bbls of Lightning 17 fluid. Broke @ 2165 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2256 psi. Leave pressure on well. 1064 BWTR Stage #4, D2 & D3 sands. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' & 7' perf gun. Tagged sand @ 4723'. Unabe to set plug & perforate. POH w/ plug & guns. Flowback well for 3 hrs. Rec 180 BTF. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' & 7' perf gun. Set plug @ 4785'. Perforate D3 sds @ 4740-47', D2 @ 4718-25' w/ 3-1/8" Slick Guns w/ 4 spf for total of 56 shots. RU BJ Services. 100 psi on well. Started frac. Had trouble w/ chemical truck pumps. SIWFN w/ 884 BWTR.

5/23/2008 Day: 3 **Completion**

Leed #731 on 5/22/2008 - Day 3. Stage #4, D2 & D3 sands. RU RU BJ Services. 50 psi on well. Frac D2 & D3 sds w/ 25,834#'s of 20/40 sand in 447 bbls of Lightning 17 fluid. Broke @ 2515 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2017 psi @ ave rate of 23.5 BPM. ISIP 2000 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 hrs & died. Recovered 120 BTF. MIRU Leed 731. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" Hurricane bit, bit sub & 60 jts of 2 7/8 J-55 tbg. SIWFN w/ 1211 BWTR.

5/24/2008 Day: 4 **Completion**

Leed #731 on 5/23/2008 - Bleed pressure off well. Rec est 10 BTF. Con't PU & TIH W/ bit and tbg f/ 1920'. Tag fill @ 4670'. Tbg displaced 11 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4670', plug @ 4785' in 15 minutes; sd @ 4855', plug @ 4910' in 10 minutes; sd @ 5382', plug @ 5400' in 15 minutes. Con't swivelling jts in hole. Tag fill @ 5676'. Drill plug remains & sd to PBTD @ 5794'. Circ hole clean W/ no fluid loss. RD swivel & pull EOT to 5698'. RU swab equipment. IFL @ sfc. Made 5 swb runs rec 70 BTF W/ light gas & tr oil & sd. FFL @ 1100'. SIFN W/ est 1120 BWTR.

5/28/2008 Day: 5 **Completion**

Leed #731 on 5/27/2008 - Bleed pressure off annulus--flowing oil. Flow back est 55 BTF (W/ est 25% oil cut & no sand). Circ hole W/ clean wtr. Lost est 30 BW & rec 20 BO. TIH W/ tbg. Tag PBTD @ 5794' (no new fill). LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 178 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5558' W/ SN @ 5592' & EOT @ 5655'. Land tbg W/ 15,000# tension. NU wellhead. Flush tbg W/ 60 BW (returned same). PU & TIH W/ pump and rod string to 3100'. PU polished rod & SIFN W/ est 1109 BWTR.

5/29/2008 Day: 6 **Completion**

Leed #731 on 5/28/2008 - LD polished rod & con't PU "A & "B" grade rod string f/ 3100' (complete as follows): new CDI 2 1/2" X 1 1/2" X 15.5' RHAC pump, 6-1 1/2" weight rods (B), 20-3/4" scrapered rods (B), 98-3/4" plain rods (B), 99-3/4" scrapered rods (B), 1-8' X 3/4" pony rod (A) and 1 1/2" X 26' polished rod (A). Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1111 BWTR. Place well on production @ 3:00 PM 5/28/2008 W/ 56" SL @ 4.5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4668'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	177' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 45 sx Class "G" cement down 5 ½" casing to 374'

The approximate cost to plug and abandon this well is $42,000.

ATTACHMENT H-1

State 2-16-9-16

Spud Date: 3/31/08

Put on Production: 5/28/08
GL: 5809' KB: 5821'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (314.36')

DEPTH LANDED: 324.36'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G", circ. 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5817.67')

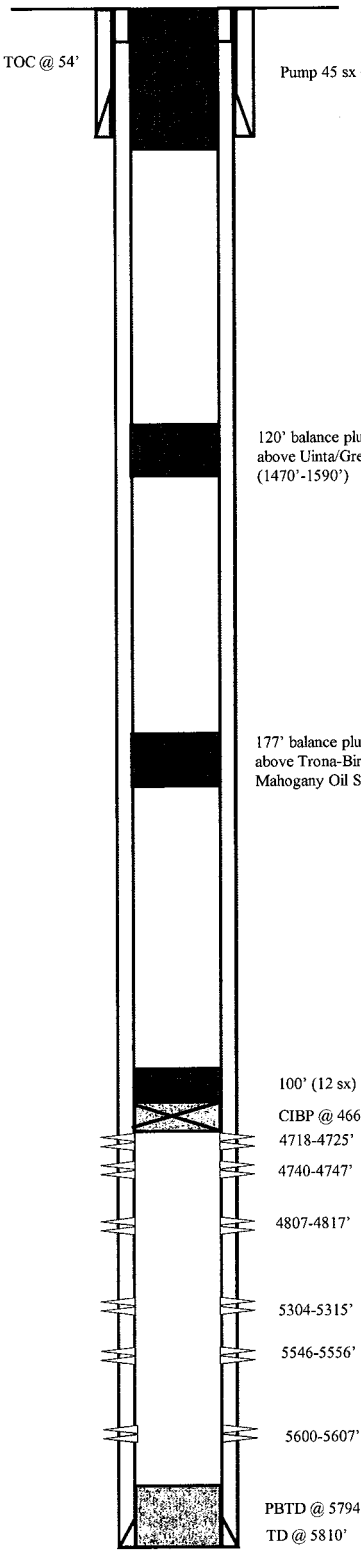
HOLE SIZE: 7-7/8"

DEPTH LANDED: 5815.67'

CEMENT DATA: 315 sxs Prem. Lite II & 415 sxs 50/50 Poz

CEMENT TOP AT: 54' per CBL 5/15/08

Proposed P & A
Wellbore Diagram



NEWFIELD

State 2-16-9-16
497' FNL & 1982' FEL
NW/NE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33846; Lease #ML-16532

JL 11/25/2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: STATE 2-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338460000

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER: 303 382-4443 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0497 FNL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/30/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well. See attached proposed wellbore diagram.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 08, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jill L Loyle	303 383-4135	Regulatory Technician
SIGNATURE N/A		**DATE** 12/17/2013

RECEIVED: Dec. 17, 2013

State 2-16-9-16

Spud Date: 3/31/08

Put on Production: 5/28/08
GL: 5809' KB: 5821'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (314.36')

DEPTH LANDED: 324.36'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G", circ. 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5817.67')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5815.67'

CEMENT DATA: 315 sxs Prem. Lite II & 415 sxs 50/50 Poz

CEMENT TOP AT: 54' per CBL 5/15/08

TUBING (GI 4/5/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 178 jts (5548.8')

TUBING ANCHOR: 5560.8'

NO. OF JOINTS: 1 jt (31.5')

SEATING NIPPLE: 2-7/8" (1.10')

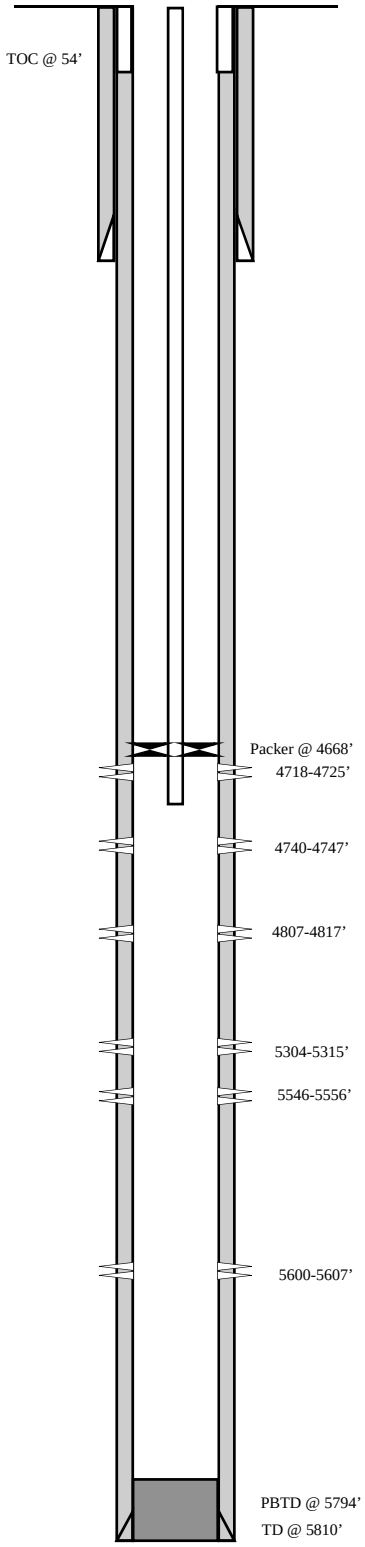
SN LANDED AT: 5595.1' KB

NO. OF JOINTS: 2 jts (62.1')

NOTCHED COLLAR: 2-7/8" (0.5')

TOTAL STRING LENGTH: EOT @ 5659' KB

Proposed Injection
Wellbore Diagram



FRAC JOB

05-21-08 5546-5556' **Frac CP1 sds as follows:**
15,030# 20/40 sand in 274 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1971 psi @ ave rate of 26.4 BPM. ISIP 1642 psi. Actual Flush: 5040 gals.

05-21-08 5304-5315' **Frac LODC sds as follows:**
20,640# 20/40 sand in 313 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM. ISIP 2797 psi. Actual Flush: 4801 gals.

05-21-08 4807-4817' **Frac C sds as follows:**
24,830# 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM. ISIP 2256 psi. Actual Flush: 4330 gals.

05-22-08 4718-4725' **Frac D2 & D3 sds as follows:**
25,834# 20/40 sand in 447 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2017 psi @ ave rate of 23.5 BPM. ISIP 2000 psi. Actual flush: 4670 gals.

2/18/09 Tubing Leak. Updated r & t details.

4/7/11 Tubing leak. Updated Rod & tubing details.

PERFORATION RECORD

4718-4725'	4 JSPF	28 holes
4740-4747'	4 JSPF	28 holes
4807-4817'	4 JSPF	40 holes
5304-5315'	4 JSPF	44 holes
5546-5556'	4 JSPF	40 holes
5600-5607'	4 JSPF	28 holes

NEWFIELD

State 2-16-9-16
497' FNL & 1982' FEL
NW/NE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33846; Lease #ML-16532

JL 11/25/2013

RECEIVED: Dec. 17, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: STATE 2-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338460000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0497 FNL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 4/4/2014	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:30 PM on 04/04/2014.

Accepted by the Utah Division of Oil, Gas and Mining

Date: April 21, 2014

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 4/8/2014

RECEIVED: Apr. 08, 2014

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-16532

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: STATE 2-16-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013338460000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0497 FNL 1982 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 3/14/2014	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/13/2014. On 03/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/14/2014 the casing was pressured up to 1449 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: April 02, 2014

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 3/31/2014

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ **Date** 3/14/14 **Time** 12:42 am (pm)

Test Conducted by: Riley Beagley

Others Present: _____

Well: State 2-16-9-16	**Field:** Monument Butte
Well Location: State 2-16-9-16 NW/NE Sec. 16, T9S, R16E Duchesne County Utah	**API No:** 4301333846

Time	Casing Pressure	
0 min	1453	psig
5	1452	psig
10	1451	psig
15	1451	psig
20	1450	psig
25	1450	psig
30 min	1449	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

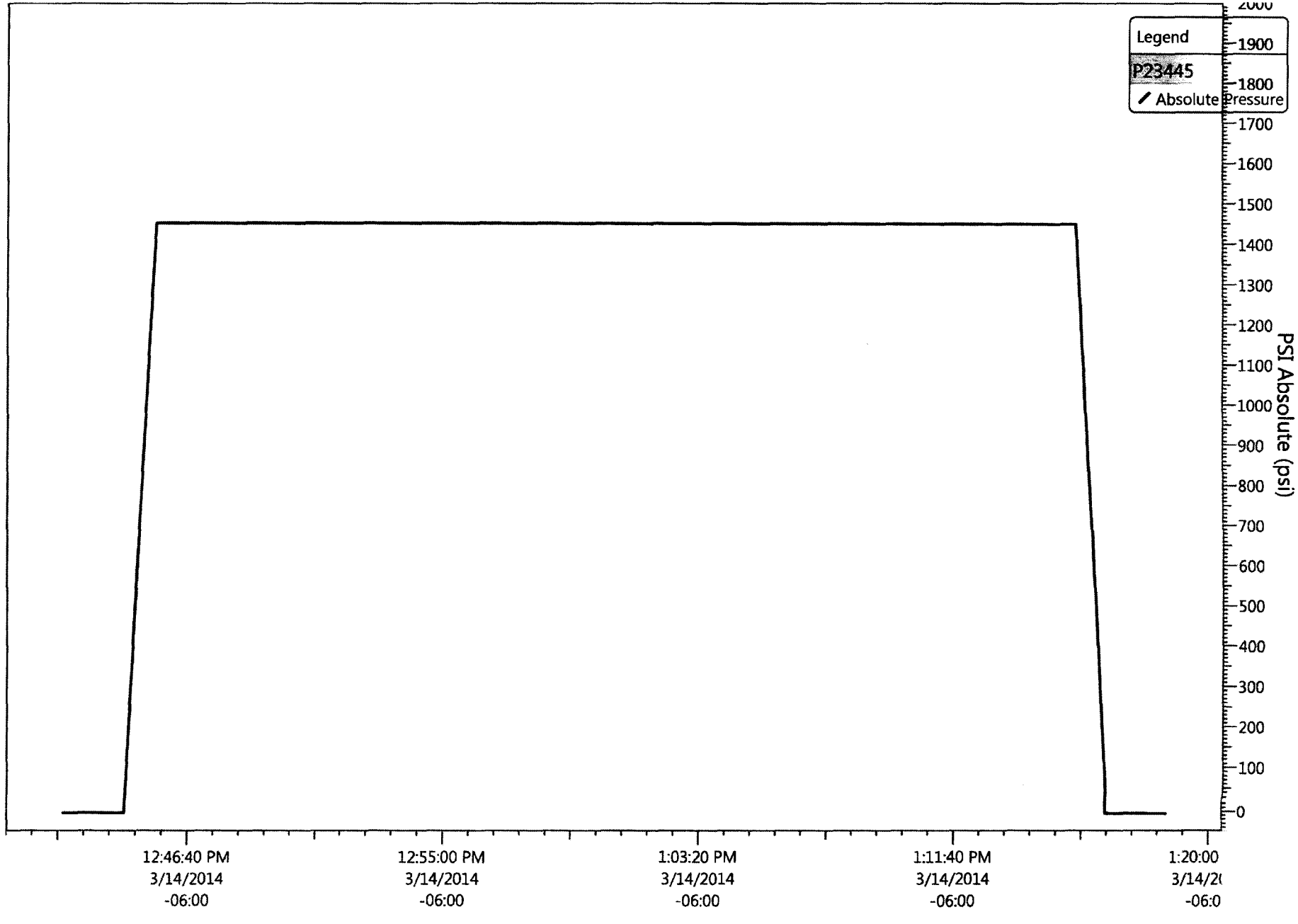
Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

State 2-16-9-16 (conversion MIT 3-14-14)

3/14/2014 12:42:05 PM



NEWFIELD

Job Detail Summary Report

Well Name: State 2-16-9-16

Jobs

Primary Job Type	Job Start Date	Job End Date
Conversion	3/11/2014	

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
3/11/2014	3/11/2014	RD MOVE RIG FROM 14-29-8-17 TO 2-16-9-16

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL TO LOCATION
07:00	07:30	SAFETY MEETING (GOOD COMMUNICATION) PREP FOR RIG DOWN
07:30	08:30	RIG DOWN LOAD EQUIPMENT, PREP EQUIPMENT TO MOVE TO STATE 2-16-9-16
08:30	09:30	MOVE RIG TO LOCATION (STATE 2-16-9-16)
09:30	10:30	SPOT IN EQUIPMENT, LEVEL UP RIG, RIG SERVICE GREASE CROWN, BLOCKS, DRIVELINES)
10:30	15:00	WAIT ON WIND. TO WINDY TO RIG UP SHUT DOWN DUE TO WIND
15:00	16:00	CREW TRAVEL HOME

Report Start Date	Report End Date	24hr Activity Summary
3/12/2014	3/12/2014	LD RODS, FLUSH. ND WH, UNSEAT ANCHOR

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL TO LOC
07:00	08:00	RIG UP AND REMIVE HORSES HEAD
08:00	08:30	SWITCH 400 BBLS TANKS, BLEED DOWN WELL SICP 100 PSI SITP – 25 PSI
08:30	09:00	LAY DOWN 1 ½" POLISH ROD, 2 – ¾" X 2' PONYS, 2 – ¾" X 8' PONYS, 2 – ¾" 4 PERS
09:00	10:00	FLUSH 2 7/8" J-55 TUBING WITH 30 BBLS @ 250 DEGREES
10:00	10:30	PICK UP 2 – ¾" 4 PER, 2- ¾" 8' PONY SUBS, 1- ¾" 4 PER SOFTT SEAT PUMP. REMOVE B-1 FLOW TEE AND FILL 2 7/8" TUBING WIT 10 BLLS. PRESSURE TEST TO 3400 PSI GOOD TEST. LAY DOW 1 – ¾" 4 PER FOR RIG, 2 – ¾" 8' PONY SUBS
10:30	12:00	LAY DOWN ¾" RODS ONTO TRAILER. 93 – 4 PER GOOD, 3- 4 PER BAD (96 TOTAL), 36- ¾" SLICKS GOOD, 3- ¾" SLICKS BAD. FLUSH WITH 20 BBLS @ 250 DEGREES
12:00	13:00	LAY DOWN ¾" RODS ONTO TRAILER. 16- ¾" SLICKS GOOD, 13- ¾" BAD, (52 GOOD) (16 BAD) (68 TOTAL SLICKS), 51 – ¾" 8 PER, 6 – 1 ½" SINKER BARS, 6 – 1" STABILIZER, 1 PUMP 2 ½"x1 ¼"x14'x16' RHAC CDI
13:00	14:00	CHANGE OVER BLOCK, NIPPLE DOWN WELL HEAD, UNSET ANCHOR, NIPPLE UP BOP'S, (FUNCTION TEST PIPE RAMS) RIG UP FLOOR, 2 SETS TONGS
14:00	15:30	R/U SANDLINE, RUN IN HOLE W/ SANDLINE F/ TAG, TUBING WAXY, FLUSH 2 7/8" J-55 TBG W/20 BBLS @ 250 DEGREES, TAG @ 5779. 15' OF FILL. PULL OUT OF HOLE, RIG DOWN SANDLINE
15:30	18:00	PULL OUT OF TO DERRICK WITH 2 7/8" J-55 TUBING, BREAK, DOPE, AND MAKE UP COLLARS 60 JOINTS IN DERRICK. TALLEY DEPTH 1864.19'
18:00	19:00	CREW TRAVEL

NEWFIELD

Job Detail Summary Report

Well Name: State 2-16-9-16

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
3/13/2014	3/13/2014	TOOH W/ TBG, BREAK, DOPE & M/U COLLARS

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL TO LOCATION
07:00	07:30	SAFETY MEETING, SICP 50 PSI, SITP 25 PSI, BLEED OFF, FLUSH 2 7/8" J-55 TUBING WITH 20 BBLS @ 250 DEGREES
07:30	08:30	WORK ON RIG AIR PROBLEMS.
08:30	12:00	PULL TUBING OUT OF HOLE TO DERRICK, BREAK, DOPE, AND MAKE UP COLLARS (TALLEY) 90 JOINTS DEPTH 2798.78 (TOTAL 150 JOINTS = 4662.97)
12:00	13:00	FLUSH INSIDE OF 2 7/8" J-55 TUBING WITH 20 BBL , LAY DOWN 31 JOINTS ONTO TRAILER, ANCHOR, 2 7/8" SEAT NIPPLE, BLEED NIPPLE, AND NOTCH COLLAR
13:00	14:30	M/U 2 3/8" XN NIPPLE, PUP SUB, 2 3/8" X 2 7/8" XO, 5 ½" X 2 7/8" PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, RUN 150 JOINTS 2 7/8" J-55 TUBING F/ DERRICK, ADDED 8' PUP JOINT.
14:30	15:00	FLUSH WITH 15 BBLS, DROP STAND VALVE,FILL 2 7/8" TUBING W/ 20 BBLS AND PRESSURE TEST TO 3000 PSI
15:00	18:30	PRESSURE BLED DOWN, BUMPED UP TO PRESSURE OF 3000 PSI 13 TIMES. HELD 3000 PSI FOR 30 MINUTES. GOOD TEST
18:30	19:30	R/U LUB.

Report Start Date	Report End Date	24hr Activity Summary
3/14/2014	3/14/2014	SET PKR, ND BOPS, NU WH

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL
07:00	08:30	SAFETY MEETING (RIGGING DOWN), SITP- 25 PSI, SICP- 25 PSI, BLEED DOWN TUBING AND CASING. RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET PACKER @ 4664.07 WITH 15,000# TENSION, NIPPLE UP WELL HEAD.
08:30	10:30	FILL CASING WITH 35 BBLS, PRESSURE UP TO 1,500 PSI. PRESSURE UP 3 TIMES LOST PRESSURE 1ST 200 PSI IN 20 MINUTE, 2ND- 150 PSI IN 20 MINUTE, 3RD- 50 PSI IN 20 MINUTE, HELD PRESSURE FOR 30 MINUTE
10:30	11:00	CALL FOR PUMPER TO DO MIT TEST. WAIT ON PUMPER
11:00	11:30	RIG UP PUMPER F/ MIT TEST. DID MIT TEST, DIDN'T TEST. WAIT 1 HR TO RETEST
11:30	12:30	WAITING TO RETEST MIT

NEWFIELD

Job Detail Summary Report

Well Name: State 2-16-9-16

Start Time	End Time	Comment
12:30	13:00	START MIT TEST #2. GOOD TEST, RIG DOWN PUMPER. On 03/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/14/2014 the casing was pressured up to 1449 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.
13:00	14:30	CHANGE OVER BLOCKS, RIG DOWN, PREP TO MOVE RIG WELL SHUT IN. LEFT LOC FINAL REPORT

NEWFIELD

Schematic

Well Name: State 2-16-9-16

Surface Legal Location				API/UWI	Well RC	Lease	State/Province	Field Name	County
16-9S-16E				43013338460000	500218527		Utah	GMBU CTB5	DUCHESNE
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	
		5/28/2008							

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	Basic	3/11/2014	

TD: 5,815.7

Vertical - Original Hole, 3/26/2014 10:00:37 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS DLS (°...	Vertical schematic (actual)
0.3				
12.1				
323.5				
324.5				1; Surface; 8 5/8 in; 8.097 in; 12-324 ftKB; 312.36 ft
3,000.0				6-1; Tubing; 2 7/8; 2.441; 0-4,663; 4,662.97
4,663.1				
4,664.4				6-2; Seat Nipple; 2 7/8; 2.441; 4,663-4,664; 1.10
4,666.0				6-3; On-Off Tool; 2 7/8; 2.441; 4,664-4,666; 1.90
4,673.2				6-4; Packer; 5 1/2; 4.950; 4,666-4,673; 6.94
4,673.6				6-5; Cross Over; 2 3/8; 1.991; 4,673-4,674; 0.50
4,678.1				6-6; Tubing Pup Joint; 2 3/8; 1.991; 4,674-4,678; 4.50
4,679.5				6-7; XN Nipple; 2 3/8; 1.991; 4,678-4,679; 1.20
4,717.8				
4,725.1				Perforated; 4,718-4,725; 5/21/2008
4,740.2				
4,747.0				Perforated; 4,740-4,747; 5/21/2008
4,807.1				
4,816.9				Perforated; 4,807-4,817; 5/21/2008
5,304.1				
5,315.0				Perforated; 5,304-5,315; 5/21/2008
5,545.9				
5,556.1				Perforated; 5,546-5,556; 5/15/2008
5,600.1				
5,607.0				Perforated; 5,600-5,607; 5/15/2008
5,794.9				
5,815.0				
5,815.6				2; Production; 5 1/2 in; 4.950 in; 12-5,816 ftKB; 5,803.67 ft

NEWFIELD

Newfield Wellbore Diagram Data
State 2-16-9-16

Surface Legal Location			API/UWI	Lease
16-9S-16E			43013338460000	
County	State/Province		Basin	Field Name
DUCHESNE	Utah			GMBU CTB5
Well Start Date	Spud Date		Final Rig Release Date	On Production Date
				5/28/2008
Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
		5,815.7		

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/31/2008	8 5/8	8.097	24.00	J-55	324
Production	4/29/2008	5 1/2	4.950	15.50	J-55	5,816

Cement

String: Surface, 324ftKB 4/3/2008

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	12.0	324.4		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Lead	160	G	12.0

String: Production, 5,816ftKB 4/30/2008

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	12.0	3,000.0		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield	Lead	300	PLII	12.0

String: Production, 5,816ftKB 4/30/2008

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
	3,000.0	5,815.7		

Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	Tail	400	50/50	3,000.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	3/12/2014	4,679.3

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	150	2 7/8	2.441	6.50	J-55	4,662.97	0.2	4,663.2
Seat Nipple		2 7/8	2.441			1.10	4,663.2	4,664.3
On-Off Tool		2 7/8	2.441			1.90	4,664.3	4,666.2
Packer		5 1/2	4.950			6.94	4,666.2	4,673.1
Cross Over		2 3/8	1.991			0.50	4,673.1	4,673.6
Tubing Pup Joint		2 3/8	1.991			4.50	4,673.6	4,678.1
XN Nipple		2 3/8	1.991			1.20	4,678.1	4,679.3

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Norm Hole Dia (in)	Date
4	D2, Original Hole	4,718	4,725	4			5/21/2008
4	D3, Original Hole	4,740	4,747	4			5/21/2008
3	C, Original Hole	4,807	4,817	4			5/21/2008
2	LODC, Original Hole	5,304	5,315	4			5/21/2008
1	CP1, Original Hole	5,546	5,556	4		0.490	5/15/2008
1	CP1, Original Hole	5,600	5,607	4		0.490	5/15/2008

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,642	0.73	26.7	2,188			
1	1,642	0.73	26.7	2,188			
2	2,797	0.96	23.1	3,035			
3	2,256	0.9	23.1	2,389			
4	2,000	0.86	24.0	2,272			
4	2,000	0.86	24.0	2,272			